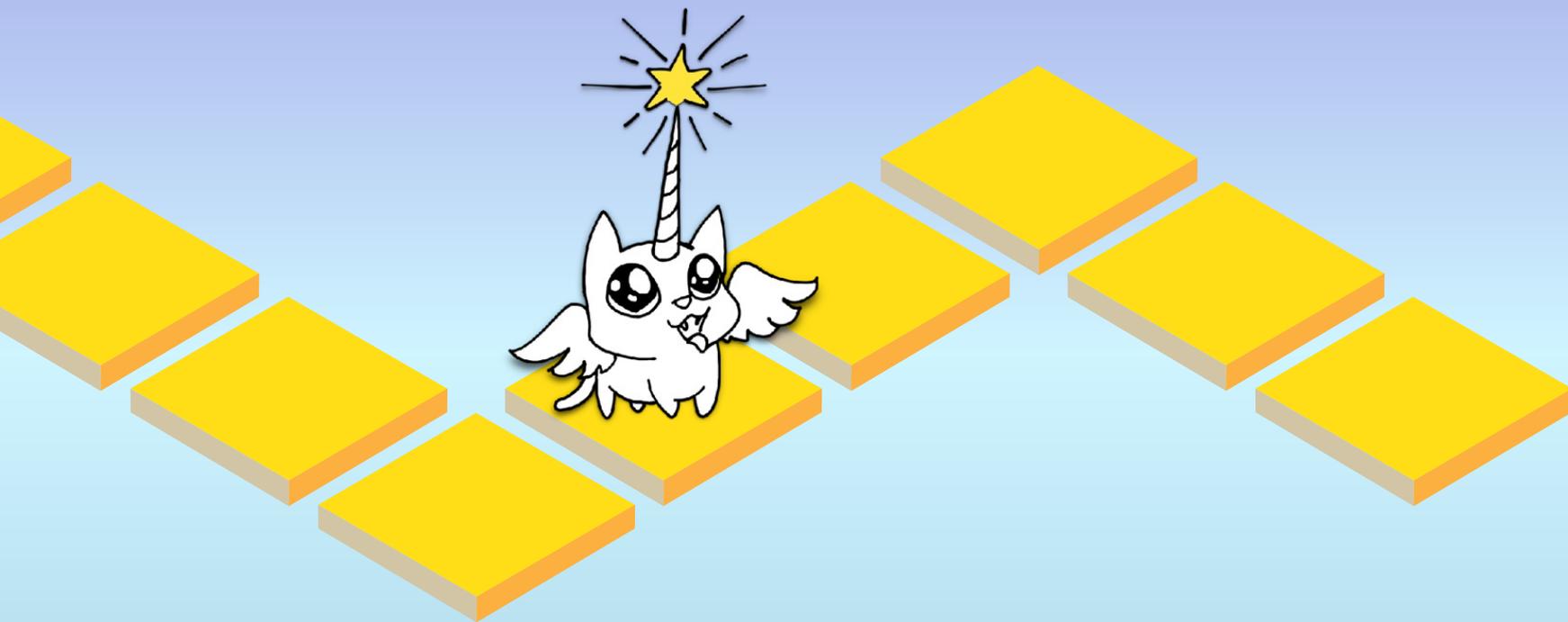


Everything You Know About Web Design Just Changed



Jen Simmons
An Event Apart Chicago
August 2018

1995

2000

2005

2010

2015

NOW

2020

THE WAY LAYOUT WORKS ON THE WEB

1995

2000

2005

2010

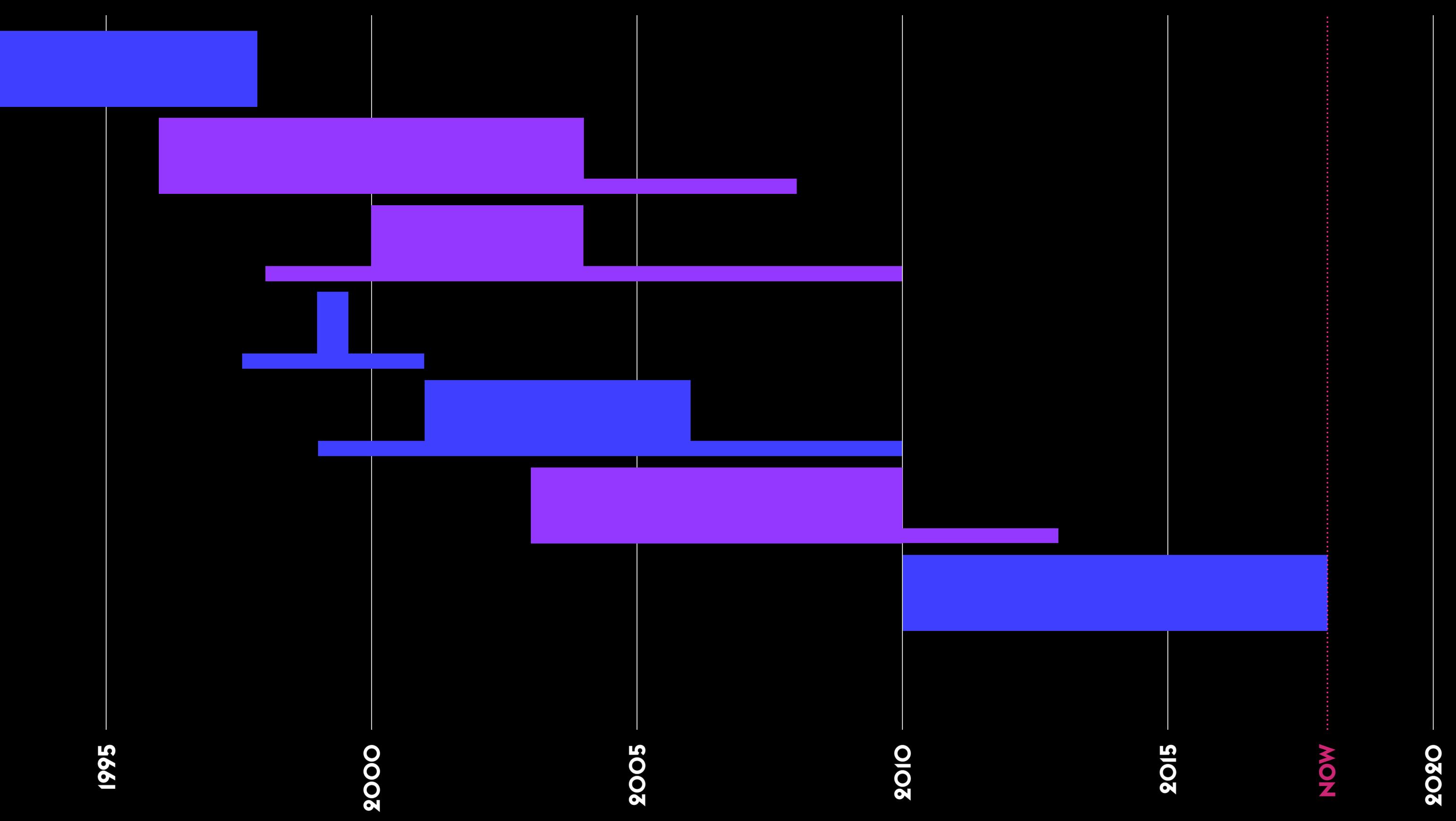
2015

NOW

2020

BEFORE RESPONSIVE

RESPONSIVE







**We need more art.
Real graphic
design.**

**That's not
how the
web works.**



1995

2000

2005

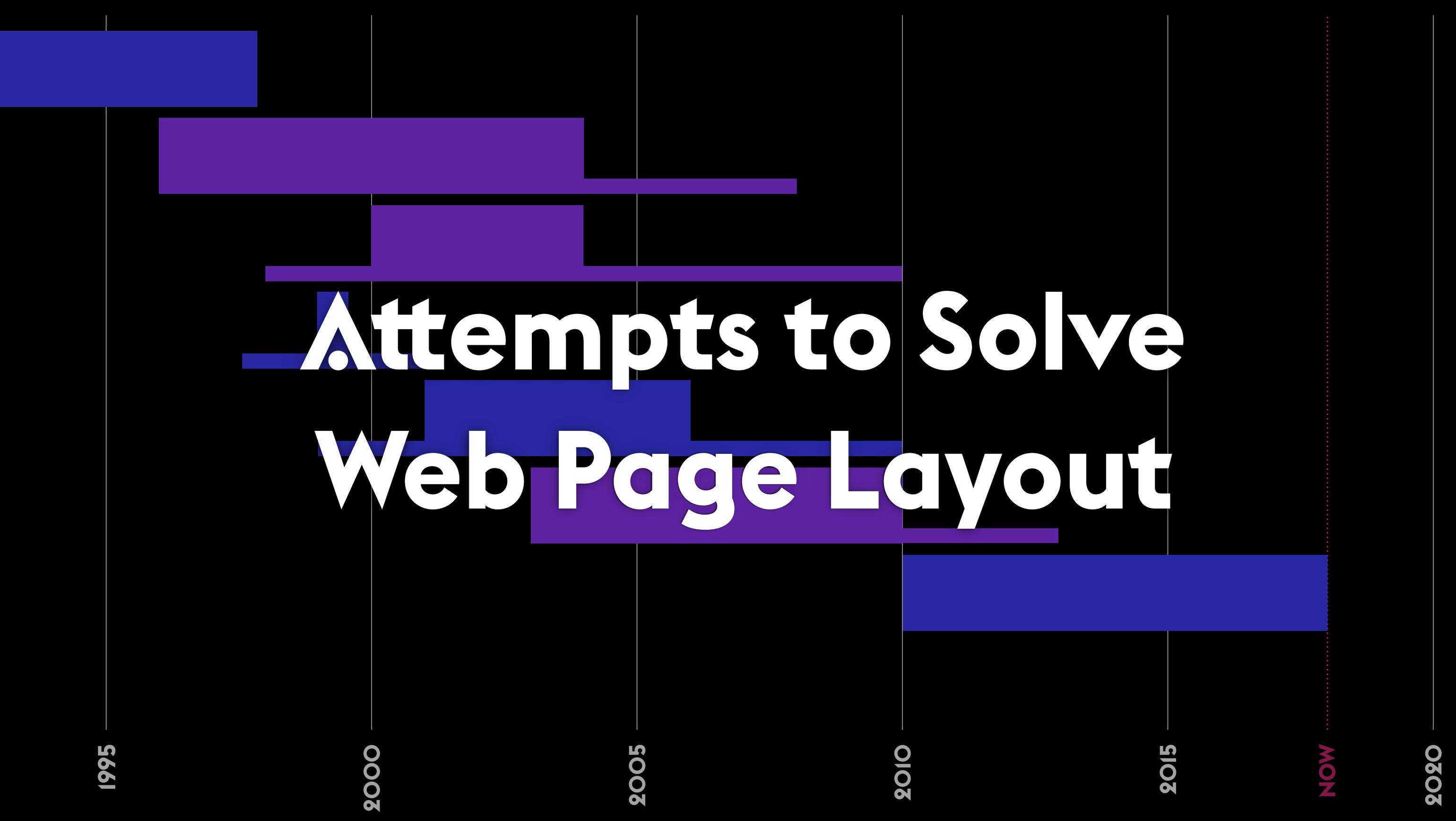
2010

2015

NOW

2020

Attempts to Solve Web Page Layout



Simple HTML



It's the web!

HTML

1995

2000

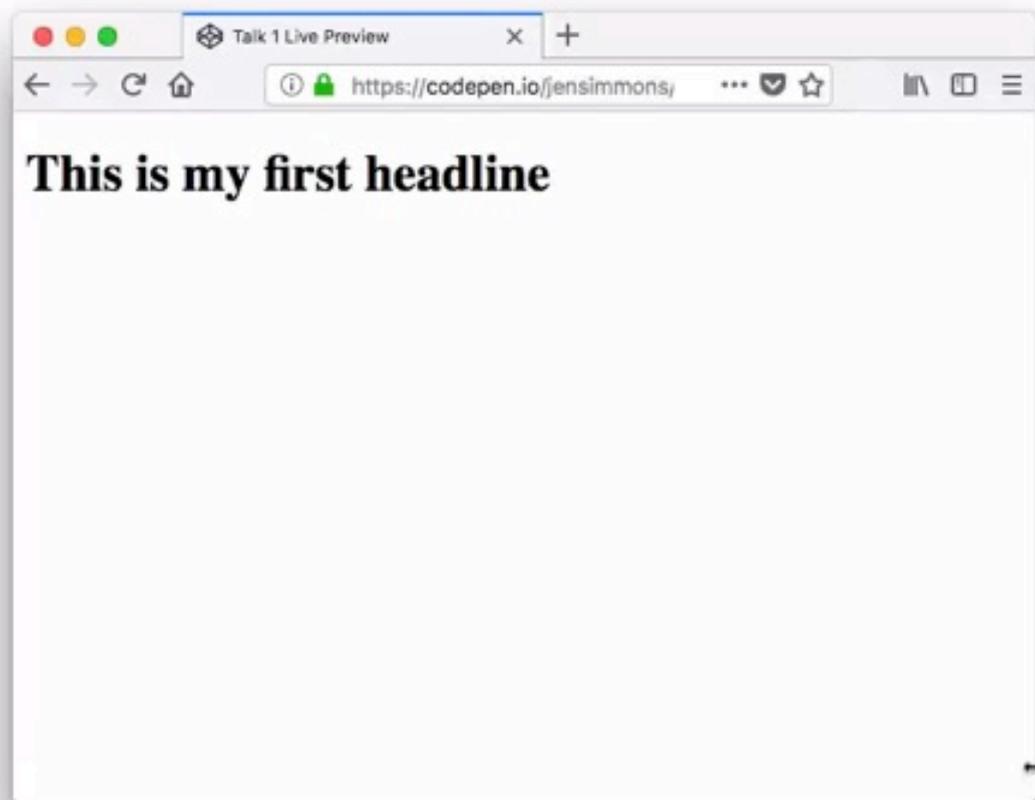
2005

2010

2015

NOW

2020



Flow

NCSA Mosaic Home Page - NCSA Mosaic

File Edit Source Manager View Navigate Tools Hotlists Help

Home Pages

http://atlantis.austin.apple.com/html/gan2/house.html

Here's the Homestead!



To navigate, just click in the direction you want to go. I've put in some navigation aids in places where there isn't any better solution. Many things in the various rooms are linked, and more and more will be linked as I get more time. There are also places that don't go anywhere at this time, but will later. This is very definitely evolving and growing as I get the time.

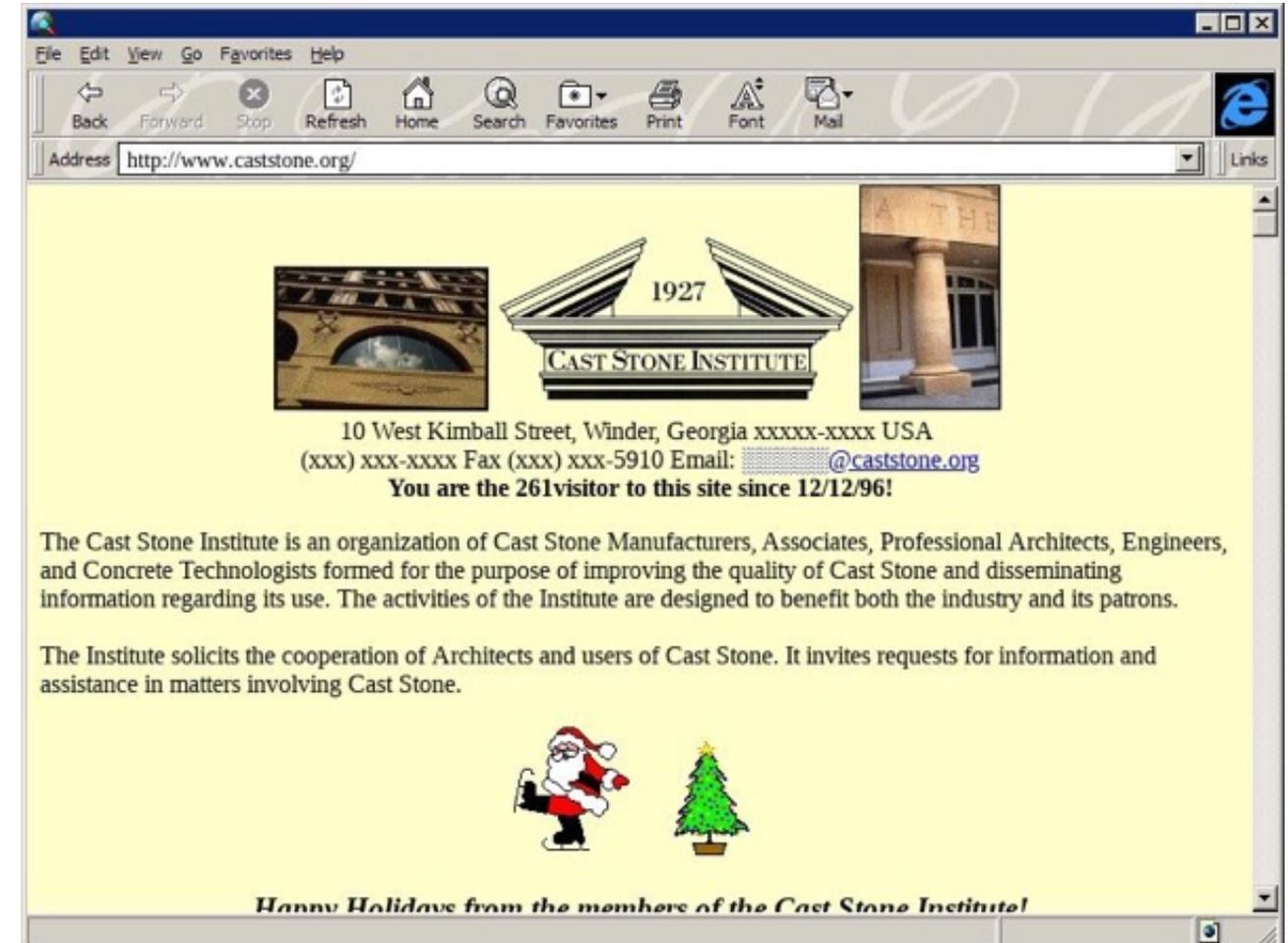
The pictures throughout the house were taken with an Apple QuickTake 100.

Send me some [mail](#), tell me what you think.

I don't actually live there anymore, so I can't add much to it, but I'm stil interested in comments.

.....@outer.net

NCSA Mosaic Photo CD Metasearch



contemporary-home-compu

Modifying colors of links was the first, smallest thing one could do. Sometimes it is a sign of its authors' curiosity and the will to fiddle with code:

name	changed defaults	web editing software
Prof. Dr. Bernard Grofman	background color, link colors	WYSIWYG / unknown

Quite often though the source code would reveal that the page was created using a word processing software that is able to make links, but fails to produce lively hypertext:

name	changed defaults	web editing software
Prof. Dr. Gerhard Brewka	background color, link colors, fonts	Netscape 4.78, Microsoft Word 10
Prof. Dr. Sarah Cook	background color, link colors, fonts, font sizes	Microsoft Word 10

A curious example: [Prof. Dr. Kender](#) made a Prof. Dr. page. His Ph.D. student, [Hassan H. Malik](#), opened the page of his mentor in Microsoft Word and made one for himself. The links are there, blue and underlined, but they are numb.

The next step is to play around with text in general. Formatting it, changing font size, bringing color, ...

name	text styles
Prof. Dr. Cliff Burgess	colors, sizes
Prof. Dr. Walter Kohn	headline color
Prof. Dr. Carsten Timm	colors, sizes, removing underlines from links
Prof. Dr. Dines Bjørner	colors, sizes, small caps
Prof. Dr. Günther Rüdiger	blink

... arrogantly making it blink(6), like Prof. Dr. Günther Rüdiger made for the "Current Issues"

web.archive.org/web/1999



[EQUITY](#)
[FIXED INCOME](#)
[STABLE VALUE](#)
[REAL ESTATE](#)
[ALTERNATIVE](#)
[EMPLOYEE BENEFIT SERVICES](#)

YOUR PRIVACY

PORTRAIT PLANNING

INVESTMENT BASICS

OUR PRODUCTS

BUY DIRECT

MUTUAL FUNDS

OUR COMPANY

HOW TO REACH US

SEARCH THE SITE

SITE MAP

WHAT'S NEW

HOME

Select an investment or benefit service description

View the descriptions of [Institutional Investment Strategies](#) and [Contacts](#).

Type of Investment	Manager	Strategy / Style (products)	Years/Staff/Assets Under Mgmt.	Contact
EQUITY				
Domestic Active	John Hancock Funds, Inc.	Small Cap Growth, Small Cap Value, Medium Cap Growth, Large Cap Growth, Large Cap Value	30 years 100 staff \$18 billion	James V. Bowhens Executive Vice President (617) 375-4880
		Philosophy: Investment teams follow strategies relying on proven, repeatable criteria (discipline), resulting in a long-term focus on risk-averse investments (consistency), using the substantial expertise derived from many years of investing in global markets (experience).		
	John Hancock Funds, Inc.	EAFE Plus, Global, Pacific Basin	14 years 68 staff \$1.2 billion	James V. Bowhens Executive Vice President (617) 375-4880
		Philosophy: Growth-oriented approach integrates country allocation and bottom-up stock selection decisions. Rigorous research, global communication capabilities and direct experience in local markets provides a distinct advantage.		

As of December 31, 1997

The services described in these materials will not be available to any client in any state where provision of such services to such client would require registration or filings and John Hancock or its subsidiaries are not registered or have not otherwise made the appropriate filings.

[\[Investment Options and Benefits Services \]](#) | [\[Equity \]](#) | [\[Fixed Income \]](#) | [\[Stable Value \]](#) | [\[Real Estate \]](#) | [\[Alternative \]](#) | [\[Employee Benefit Services \]](#)

NCSA Mosaic Home Page - NCSA Mosaic

File Edit Source Manager View Navigate Tools Hotlists Help

Home Pages

http://www.mslink.org/

MSLINK

MSLINK PROJECT HOME PAGE

[Graphic Version](#)

MSLINK project aims to provide Internet access to people with Multiple Sclerosis by utilizing computers donated by corporations. MSLINK Homepage provides variety of services such as National Multiple Sclerosis Society Mid America Chapter Events, Discussion Area, MS Library and many others. Please take a look at [What's New](#).

Calendar : NMSS Mid-America Chapter and other MS related activities.	Contest : Let's get creative! It's time to show your talent by...
Library : Check out our library for information about Multiple Sclerosis and more...	Discussions : Would you like to share your opinion with others? Tune into our discussion group...
Links : May we suggest a few sites to visit ? You do not have to search for MS, we have already done it for you.	News : Daily news

What's New and Coming Soon

The following is a list of recent additions to our web. Every month we'll remove the oldest items. The most recent changes are listed first, and each item is linked to the page with the updated content.

- We have added new documents to our [library](#).
- We are opening a [discussion session](#) which will enable you to post questions and opinions.
- We are going to open an "Ask the Expert" section.

NCSA Mosaic Photo CD Metasearch

Netscape.com

File Edit View Go Bookmarks Options Directory Help

Back Forward Home Reload Images Open Find Stop

Location: http://www.airchime.bc.ca/

Welcome What's New! What's Cool! Questions Net Search Net Directory

Certified Sound Signal Systems




 Class I Air Horns	 Class II Air Horns
 Class III Air Horns	 Class IV Air Horns



We need art!

Tables for Layout

FLOW-ONLY

HTML TABLES

1995

2000

2005

2010

2015

NOW

2020

1996

www.killersites.com

INTERNATIONAL BESTSELLER!

QUALITY

BANDWIDTH

BREVITY

CREATING KILLER WEB SITES

```

<!-- Start Row 3 of Table -->
<TR VALIGN=top>
<td colspan="2">
<!-- Random Image Button -->
<!-- Assign text to button -->
<!-- Set font size -->
<!-- Set font color -->
<!-- Set background color -->
<!-- Set border width -->
<!-- Set border style -->
<!-- Set border color -->
<!-- Set padding -->
<!-- Set margin -->
<!-- Set text-align -->
<!-- Set text-decoration -->
<!-- Set text-decoration-color -->
<!-- Set text-decoration-line -->
<!-- Set text-decoration-slice -->
<!-- Set text-decoration-style -->
<!-- Set text-decoration-color -->
<!-- Set text-decoration-line -->
<!-- Set text-decoration-slice -->
<!-- Set text-decoration-style -->
</td>
</tr>
<TR VALIGN=top>
<td colspan="2">
<!-- You are here -->
<!-- Next Image Button -->
<!-- Assign text to button -->
<!-- Set font size -->
<!-- Set font color -->
<!-- Set background color -->
<!-- Set border width -->
<!-- Set border style -->
<!-- Set border color -->
<!-- Set padding -->
<!-- Set margin -->
<!-- Set text-align -->
<!-- Set text-decoration -->
<!-- Set text-decoration-color -->
<!-- Set text-decoration-line -->
<!-- Set text-decoration-slice -->
<!-- Set text-decoration-style -->
<!-- Set text-decoration-color -->
<!-- Set text-decoration-line -->
<!-- Set text-decoration-slice -->
<!-- Set text-decoration-style -->
</td>
</tr>
</table>

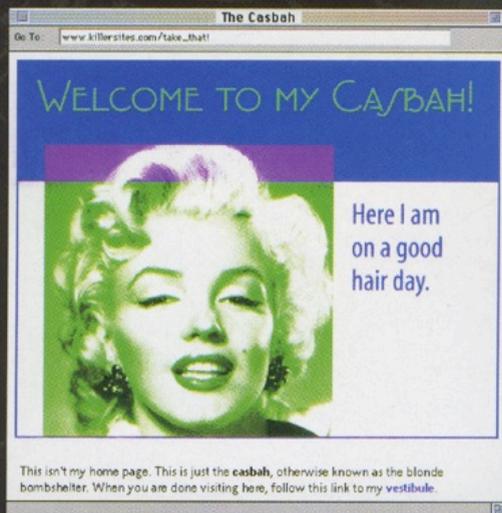
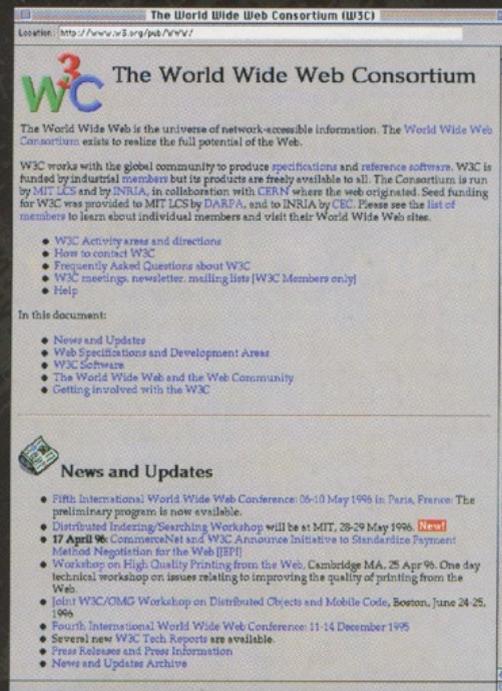
```

The Art of Third-Generation Site Design

David Siegel



FIREWIRE GRAPHICS
 1607 Independence Rd.
 Fort Collins, CO 80526



1.1 A, B Information (ABOVE) versus Design (BELOW): Who will win?

THE FIRST TIME I saw the same web page through two different browsers at the same time, a feeling of panic swept through me. Why should the pages look so different? I knew various systems had different color spaces and resolutions, but these programs actually presented the pages in different ways. As a graphic designer, how could I design web pages if I didn't know how they would look? Could I let browsers reinterpret my work as they wished?

As it turns out, that is precisely what the Framers of the Web had in mind. They saw browser differences as beneficial. Because every document is marked with structural *tags* (headlines, list items, captions, and others) they believed users should control the presentation of documents they see. HTML (Hypertext Markup Language) lets the visitor choose how her browser displays the page.

That's like telling the artist how to hold the brush! I wanted more control. It was either toss in the mouse and go back to print design, or jump into the Web and color outside the lines.

I threw my HTML book in the trash and started from scratch. I built my own tags and made pages the way I wanted them to look. I began using images to lay out pages in two dimensions, rather than one. When tables became available, I poured columns of text in them. I reduced the colors and made the file sizes small and – guess what? – people came! The numbers actually broke my access counter.

I started teaching others what I had discovered. Those of us who broke the rules challenged each other with every

new page we made. Like the painters of Russia's avant garde in the Twenties (Rodchenko, Malevich, Popova), we felt like pirates. I received flaming threats from people who said I didn't understand the Web, I was ruining the information, and I should go back where I came from because I didn't understand the power of the medium. I fired back with more pages. I made it clear we were not going to go away. If the Puritans wanted a fight, we would give them one [1.1 A, B].

Structural Markup versus Layout

Print and on-line design are very different. As a print designer, I use programs like Adobe PageMaker and Adobe Illustrator – programs that write PostScript to describe pages. PostScript is a page-description language. As a web site designer, I am required to use HTML rather than PostScript to make my sites (although this is changing, as you will see in Chapters 12 and 13). Designers want to make web pages with the same degree of control they have over paper. Designers must have layout capabilities if they are to design pages for artistic, entertainment, or marketing purposes. To quote hypermedia visionary Ted Nelson:

Multimedia must be controlled by dictatorial artists with full say on the final cut.

HTML is a *structural markup language*. It has no capability to display a fixed-size page or a fixed-size text container. Standard HTML gives the author almost no formatting control. It is meant

mainly to describe the *structure* of information in a document, rather than its *appearance*. In theory, HTML browsers are responsible for handling display and layout. In practice, browsers make standard HTML look about as compelling as tax forms.

Structure has its uses. Structured documents can be fed into databases and searched easily. Their formatting can improve as HTML becomes more capable, enabling companies with large sets of documentation to enter information only once, then present it many different ways. This is of critical importance to people publishing large reference works, databases, searchable indexes, and documents for people with visual disabilities. As Tim Berners-Lee, the inventor of the Web, states:

Information to be published on the Web must also be formatted according to the rules of the Web standards. These standardized formats assure that all Web users who want to read the material will be able to view it.

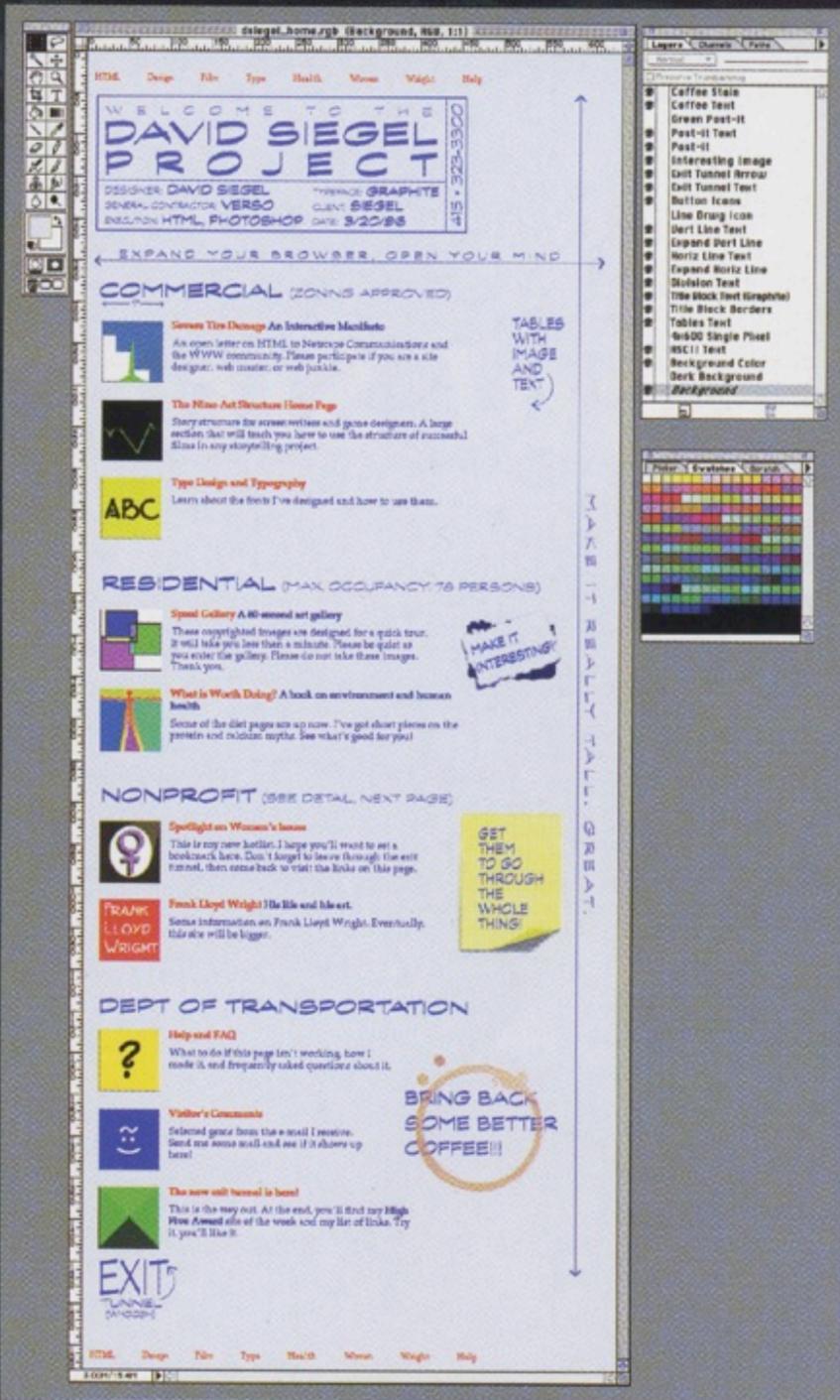
Different audiences have different needs. In a perfect world, markup and layout would be in balance. Instead, they are at polar extremes. Today, HTML is under heavy pressure from designers to be more visual, even as PostScript is being pushed to carry more structure.

What will happen in the future? Is the Web on a collision course with disaster? Will visually unimpaired designers battle against academic library scientists in a winner-take-all contest for the eyes and minds of web surfers everywhere?

Creating Killer Websites
David Siegel, 1996

“ Like the painters of Russia’s avant grade in the ‘20s, we felt like pirates. I received flaming threats from people who said I didn’t understand the Web, I was ruining the information... because I didn’t understand the power of the medium. I fired back with more pages. I made it clear we were not going to go away. If the Puritans wanted a fight, we would give it to them.”

– David Siegal, 1996



7.1 Make your mistakes in Photoshop, not HTML. Creating a layer for each element keeps things flexible.

CREATING KILLER WEB SITES

```
<!-- PAGE PARAMETERS -->
<HTML><HEAD><TITLE>David Siegel's Home Page</TITLE></HEAD>
<BODY BGCOLOR="#EDEDFF" TEXT="#000055" LINK="#CC0000"
ALINK="#FF3300" VLINK="#005522">
```

```
<!-- BEGIN OUTERMOST TABLE -->
<TABLE BORDER="1" CELSPACING="0" CELLPADDING="0" HEIGHT="1442">
<!-- Outermost table has only one row; this is the left
side -->
<TR>
<TD WIDTH="570" HEIGHT="1442" VALIGN="top">
<IMG VSPACE="0" HSPACE="0" WIDTH="455" HEIGHT="174" SRC="newhome/
back_legend.gif">
<IMG VSPACE="0" HSPACE="0" WIDTH="570" HEIGHT="37" SRC="newhome/
arrow_horiz.gif">
```

```
<!-- THIS CELL CONTAINS THE RIGHT EXPANSION ARROW -->
<TD ALIGN="left" VALIGN="top"><IMG VSPACE="0"
HSPACE="0" WIDTH="42" HEIGHT="1418" SRC="newhome/
arrow_tall_vert.gif"></TD>
</TR>
</TABLE>
```

```
</BODY></HTML>
```

two images. Without it, there would be a crack, giving away my trick.

The Inner Tables

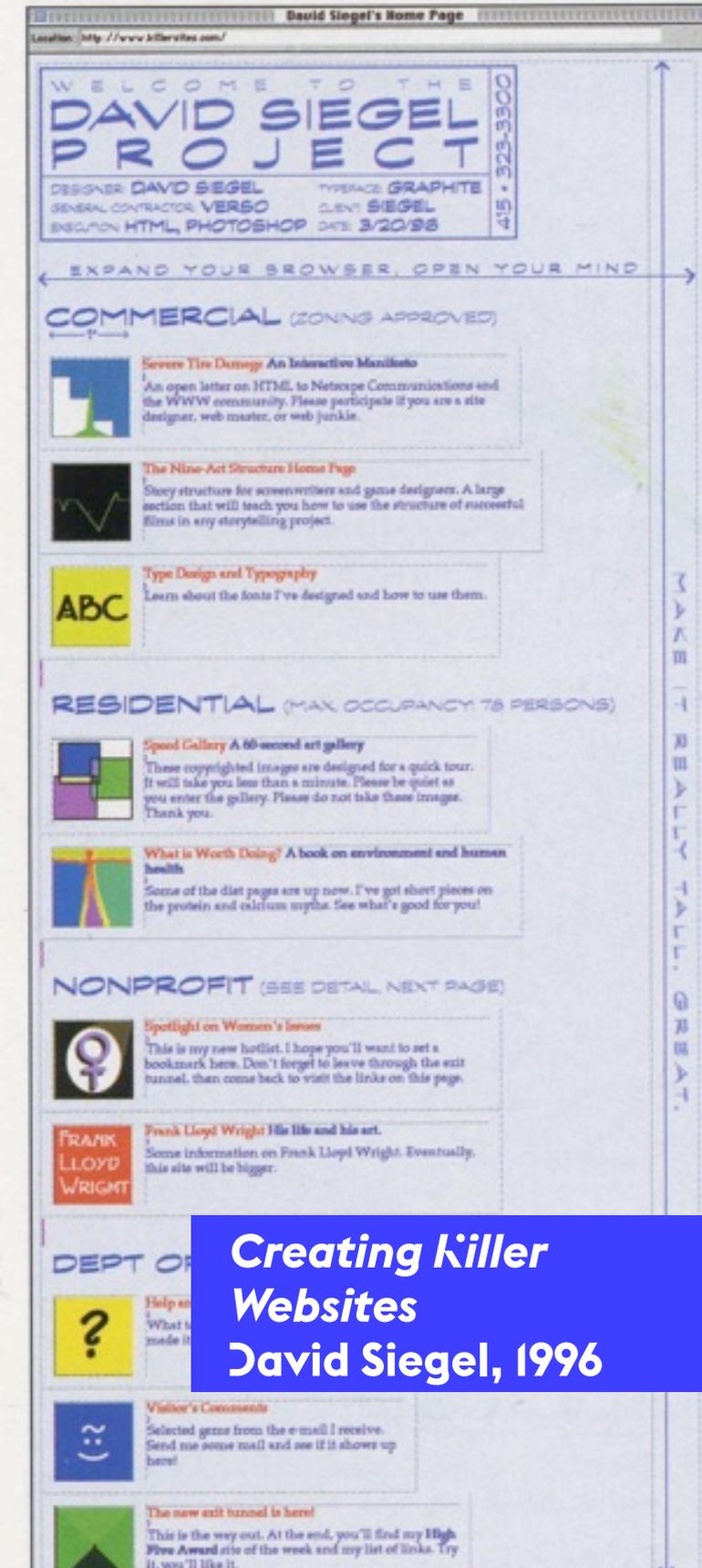
As the page takes shape, I plug in the cell contents one at a time. Once I splice the arrows back together, I can see the light at the end of the table.

Right after that comes the "Commer

image individually. These little tables make it easy to copy and paste as individual units when I want to add new items to my page (*you can view the source HTML at the Book Site*) [7.14].

That's all there is to it. I add some text links at top and bottom, and I'm ready for visitors.

This page is not as flexible as I'd like, of course. As I add new features



Creating Killer Websites David Siegel, 1996

Test Magazine

Location: <http://www.polaroid.com/artv-use/test.htm>

THIS IS AN ELECTRONIC (Test).

CLICK ICONS TO SEE THE BIG IDEA BEHIND EACH IMAGE.

Image Transfer | Color Film | Emulsion Transfer | Black & White | Manipulations | 20x24 | Your Photographs

Image Transfer | Color Film | Emulsion Transfer | Black & White | Contributing Photographers | Monthly Shows | 20 x 24 | Your Photographs

Go Home | Service | Products | Creative | Polaroid

Go Home | Customer Service | Products | Creative Uses

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This page was last modified on Friday, February 09 1996

diarypage4.html

Location: http://www.art.uiuo.edu:80/ludgate/the/place/urban_diary/page4/diarypage4.html

today is SUNDAY
the date is November 13
the weather is COLD
this city is NEW YORK

point 10.77
string 1.39
roller 2.49
tape 1.67
\$ 27.32
Keep receipts

movies to see
videodrome (1982)
demon seed
tron
terminator 2
2001
bladerunner, director's cut
brasil
robocop
the man who fell to earth
metropolis
fahrenheit 451
Until the End of the World

asid cronenberg
kubrik
sidley scott

disassembly assembly investment exchange

dream-addicted
urban diary

Welcome to Klutz Press!

Location: <http://www.klutz.com/>

KLUTZ GALACTIC HEADQUARTERS

WELCOME

PUBLISHERS OF AWARD WINNING BOOKS FOR CHILDREN OF ALL AGES

The Electrified Cap Trick

Location: <http://www.klutz.com/home/chicken/pen1.html>

THE ELECTRIFIED CAP TRICK

This is a perfect example of how a small piece of bold trickery can be made into an awe-inspiring fraud with nothing but the skillful use of your lying tongue.

You'll need one of these pens with a tapered cap (sorry, no substitutions allowed). Wet your fingers and pull the cap off the pen. Hold it an inch or two away from the point and squeeze the cap until it squirts out like a watermelon seed.

elektra.com

Location: <http://pathfinder.com/@mfvc9n@jvMAQJ@/elektra/>

Jump to lo-bandwidth version

Select An Artist GO TRY AGAIN

what's new

Elektra Entertainment Group

marketing archive
artists mail room
publicity lounge
reception

click to enter

ELEKTRA.COM

Klutz Press: The Chicken Book

Location: <http://www.klutz.com/treefort/chicken.html>

RUBBER CHICKEN BOOK

Amazing Captrick
Electrified Cap Trick
Punk Bitchy Song Book
Pinker's Field Goal

CATALINA & HOTLINE

Pop Culture Contest

Location: <http://pathfinder.com/@@V00Am16rvAAQf9/people/peop-contest/>

People

HELLO CONTESTANT

here's your chance to MELD MINDS WITH THE AMERICAN PUBLIC - to speculate their values, their tastes, their judgements

a representative cross-section of America has pooled their intellectual resources to identify some of the worlds most outstanding individuals

THE GENERAL PUBLIC

and YES we have opinions intelligent

the official results of the survey have been tabulated and locked away... NOW THE WORK IS UP TO YOU - predict the voice of the GENERAL PUBLIC

are these people as PREDICTABLE as they look?

Click me! Click me! I want to tell you

People

Creating Killer Websites
David Siegel, 1996

ITERATION 3.1 • DAY 96



ACTION



Atomic Vision

Seamless integration of design and engineering for digital information



SIGHT



Hit me

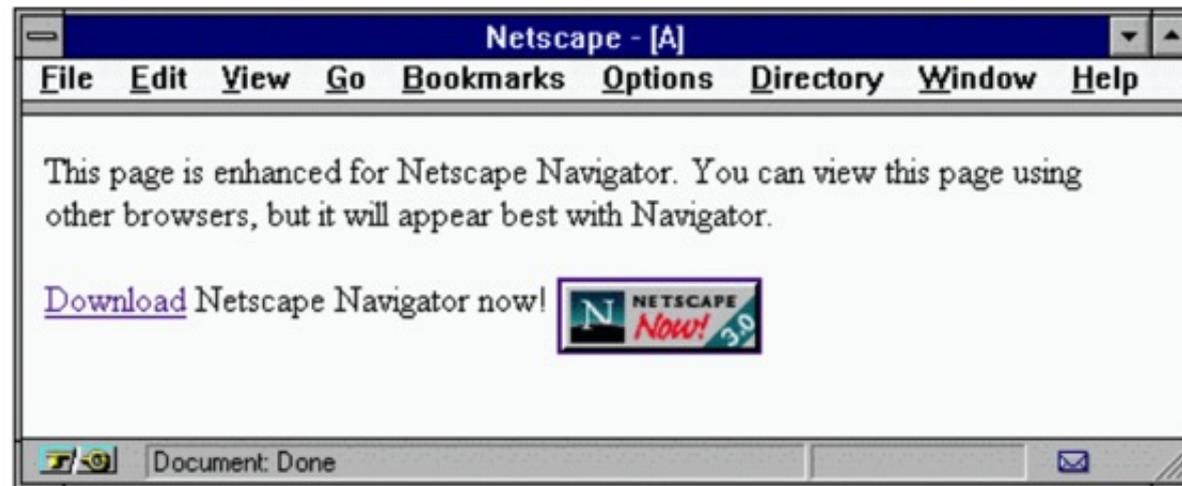
The interface that keeps on giving



A necessary resolution

Visual bandwidth is a non-trivial issue

Creating Killer Websites
David Siegel, 1996





We need art!

Flash

FLOW-ONLY

HTML TABLES

FLASH

1995

2000

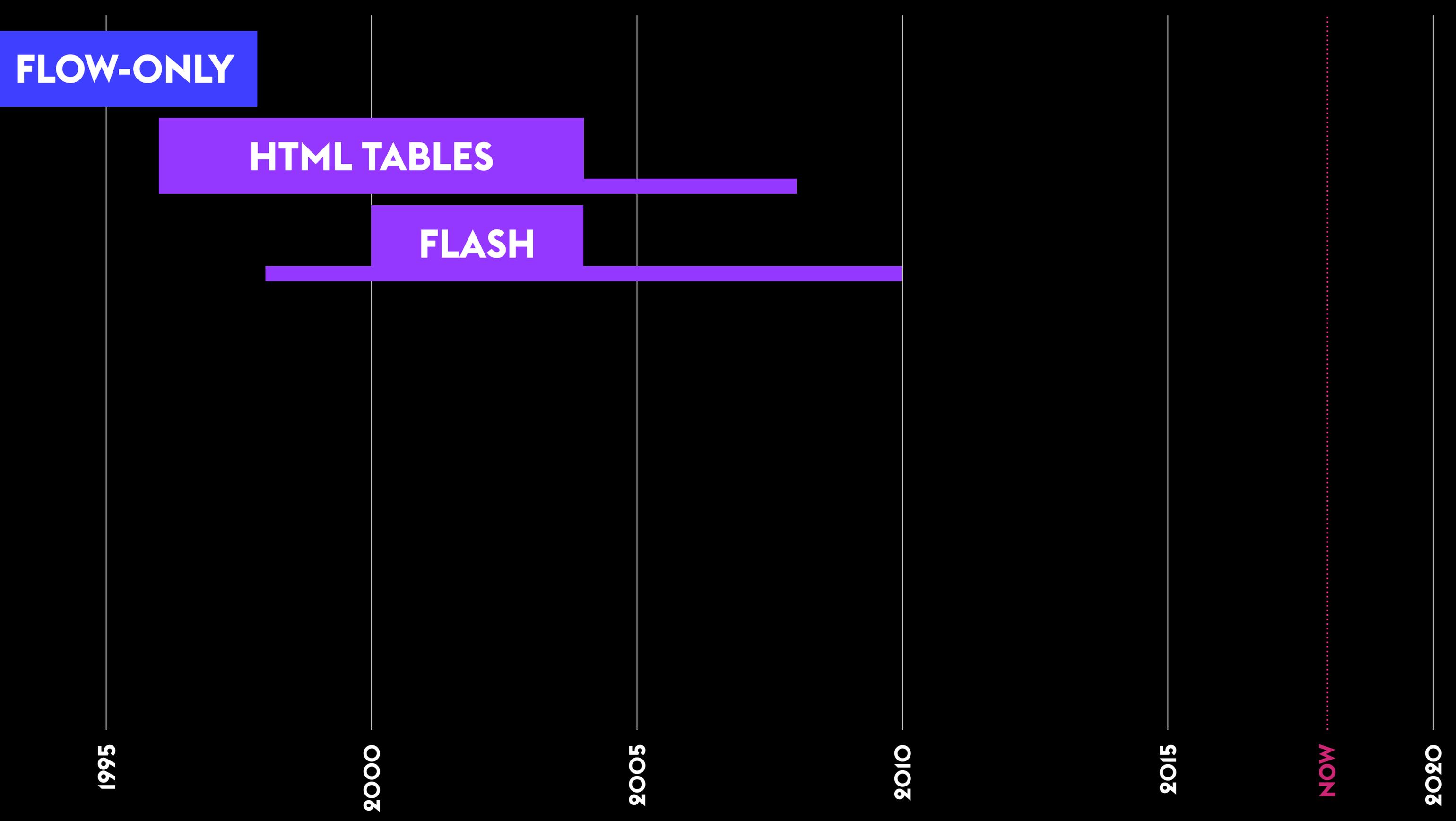
2005

2010

2015

NOW

2020



Flash Web Design

the art of motion graphics

BY HILLMAN CURTIS

New Riders

2000

they to me—and we will have a layer setup that is recognizable. This is a system that lessens confusion.

- 1 Display the Timeline by choosing View > Timeline (Ctrl-Alt-T / Cmd-Option-T). The default layer, named Layer 1, is automatically

figure 02:01

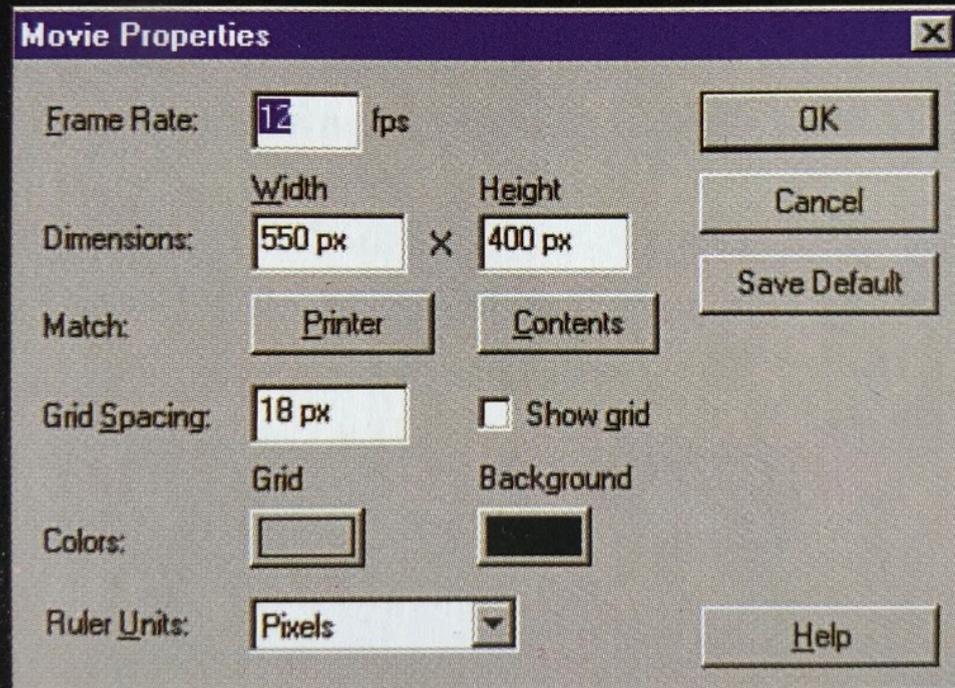
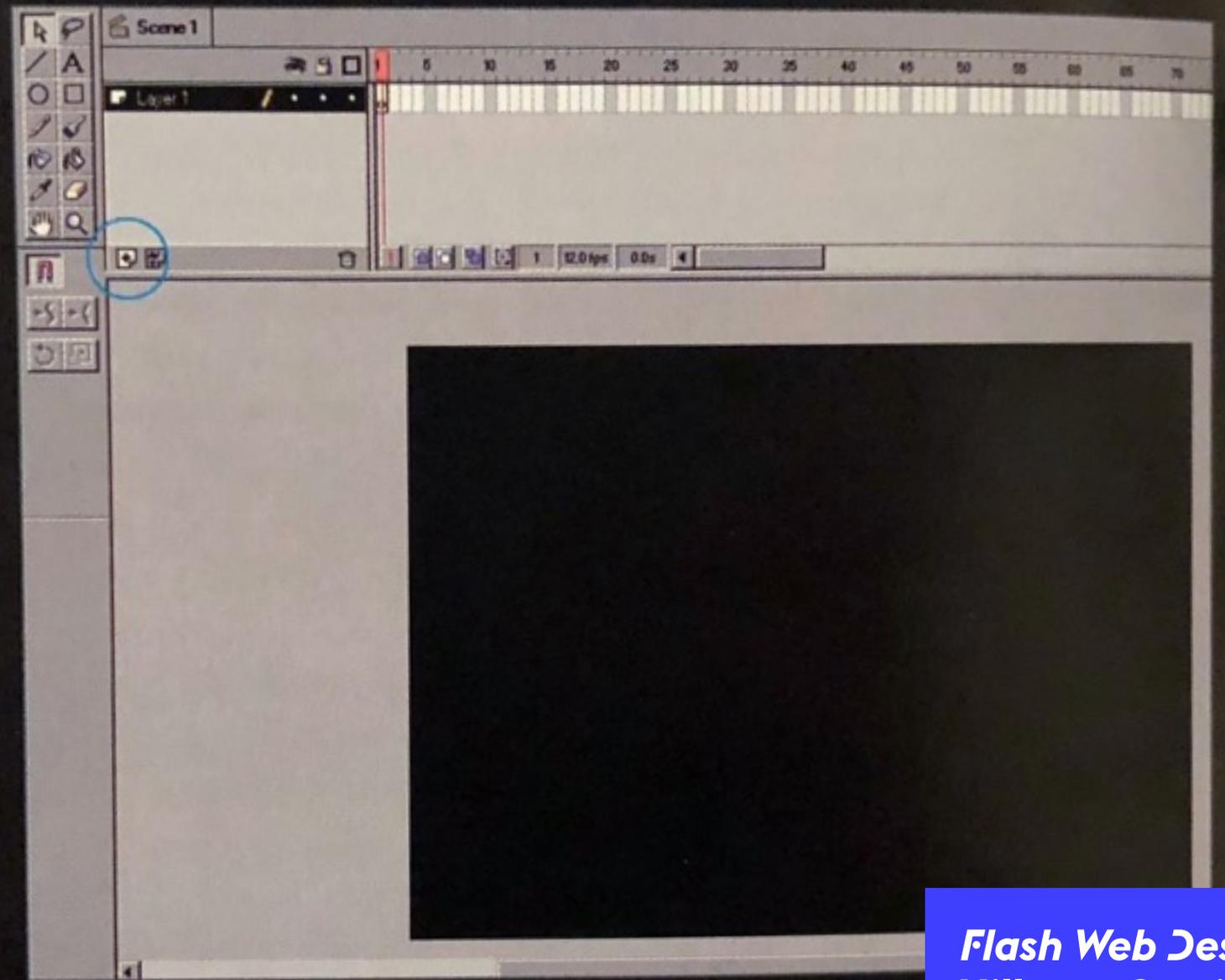
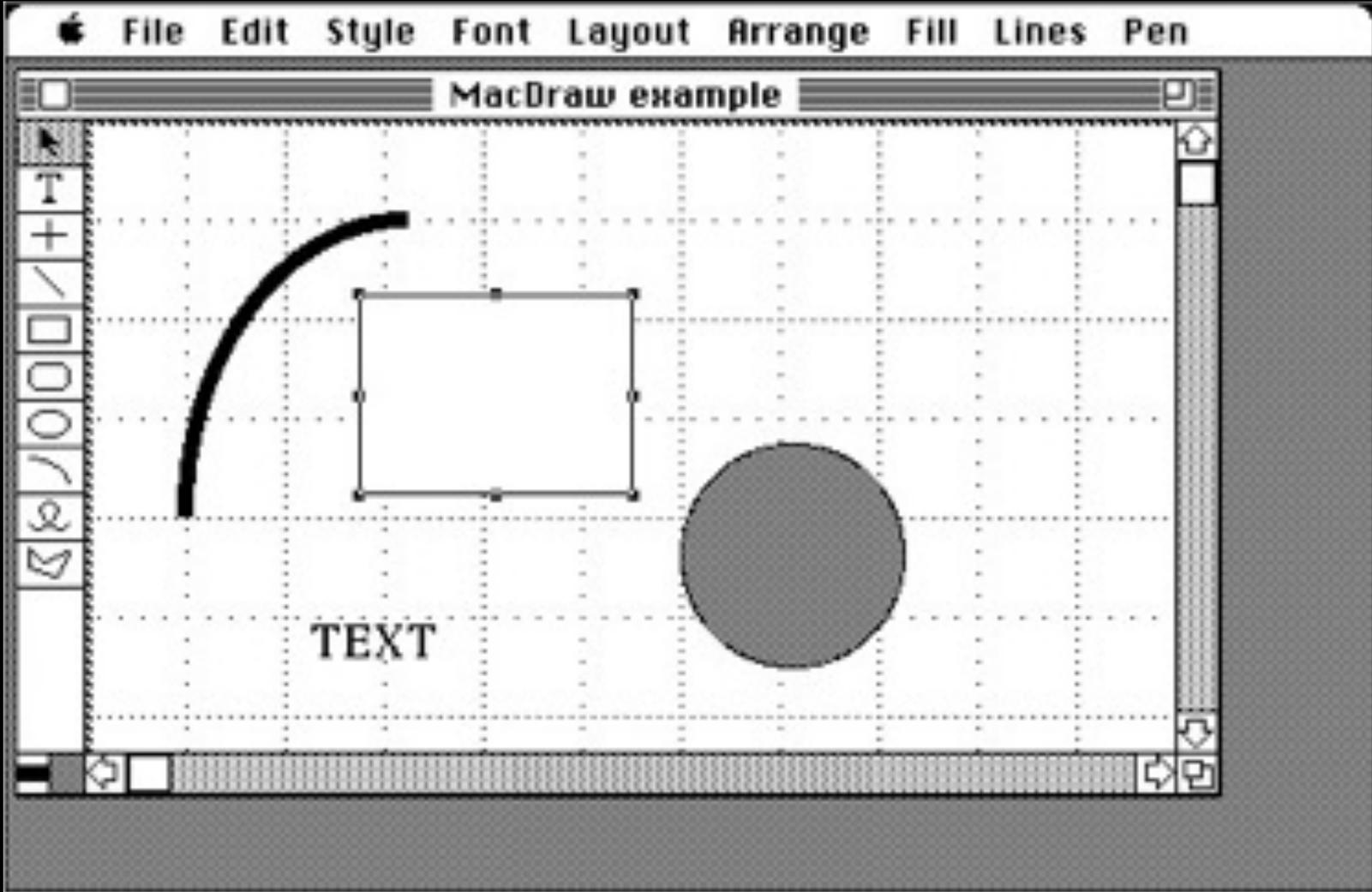


figure 02:02



Flash Web Design
Hillman Curtis, 2000

1984

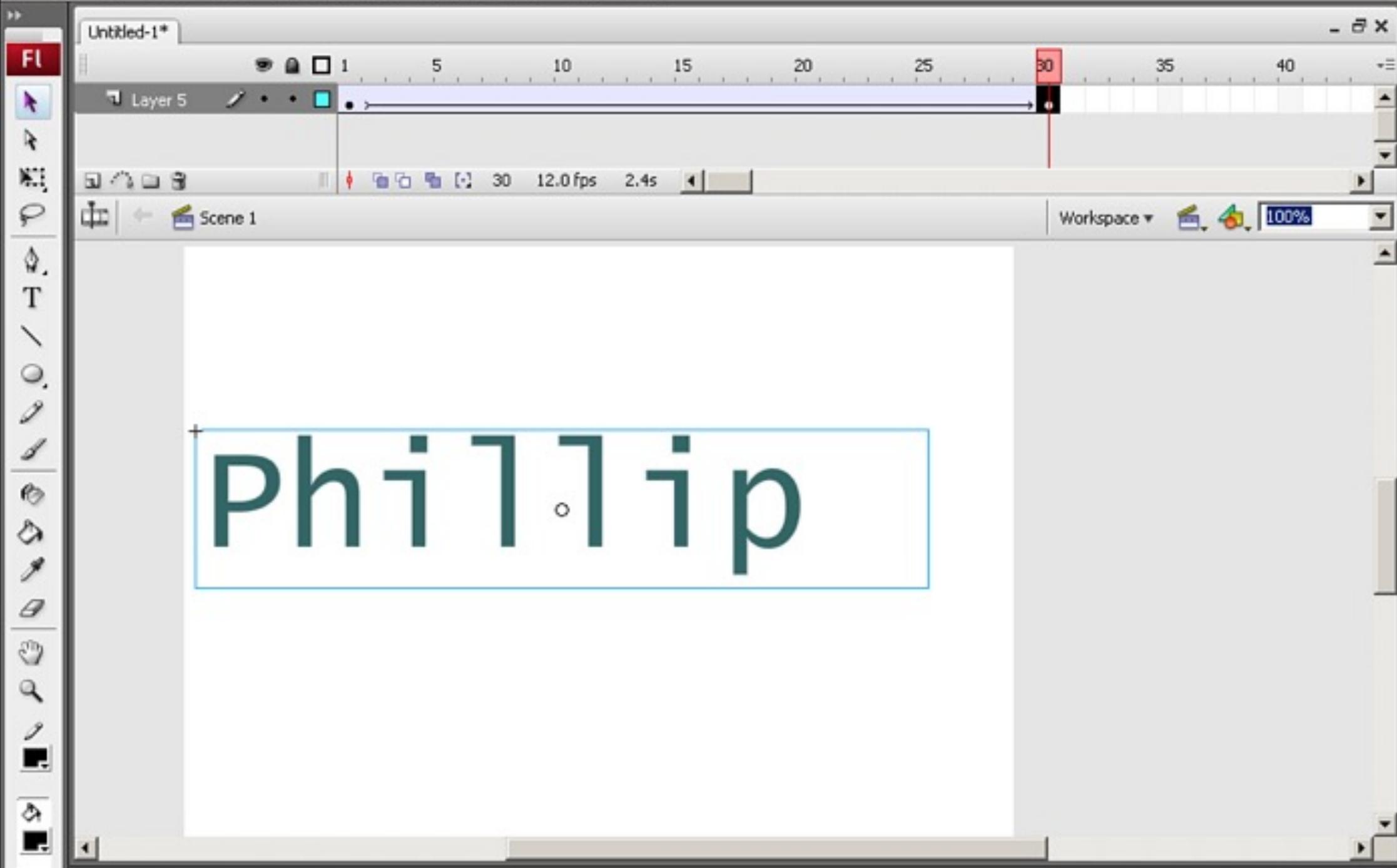




daily

score 54





Properties x Filters Parameters

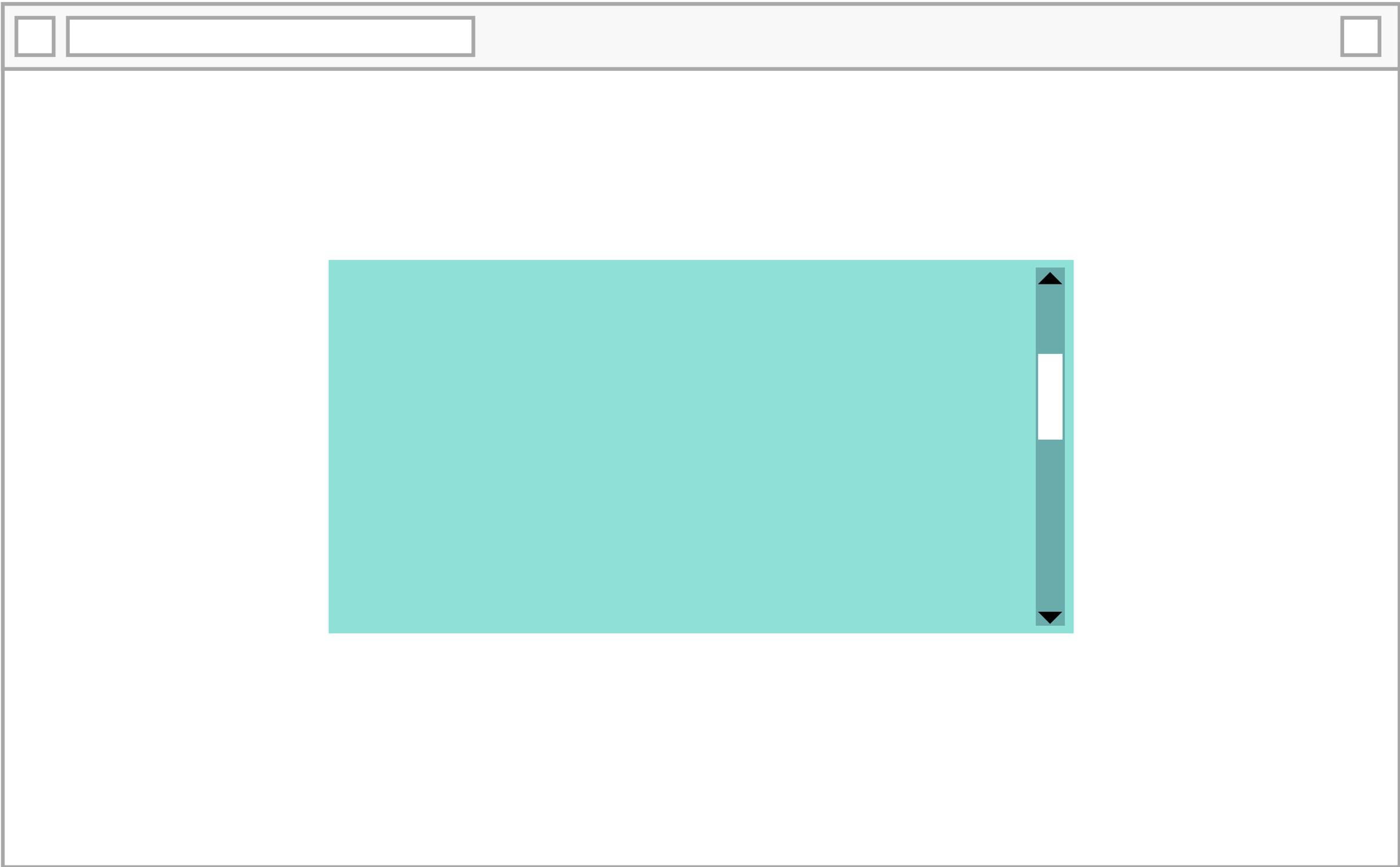
Movie Clip Instance of: My Name

<Instance Name> Swap...

W: 485.9 X: 7.0
H: 105.1 Y: 122.0

Color: Tint 100%
RGB: 51 102 102
Blend: Normal
 Use runtime bitmap caching





CSS



It's the web!

2003

designing with
web standards

jeffrey zeldman



New
Riders

VOICES THAT MATTER™

Note that image height and width attributes, although useful, are not strictly necessary. Note also that, thanks to CSS, the border attribute is entirely unnecessary, even though we have included it here for the sake of old browsers. Our markup *could* be as clean and simple as this:

```
<div id="primenav">
<a href="/"></a>
<a href="/"></a>
<a href="/glamorous/"></a>
<a href="/classics/"></a>
</div>
```

Compare and contrast the compactness and clarity of the preceding markup with the typical table layout version shown here:

```
<table border="0" cellpadding="0" cellspacing="0" width="500">
<tr>
<td valign="top" width="150" height="100" bgcolor="#339999">
<a href="/"></a>
</td>
<td valign="top" width="140" height="100" bgcolor="#339999">
<a href="/"></a>
</td>
<td valign="top" width="110" height="100" bgcolor="#339999">
<a href="/glamorous/"></a>
</td>
<td valign="top" width="100" height="100" bgcolor="#339999">
<a href="/classics/"></a>
</td>
</tr>
</table>
```

There's no contest. But compact markup and meta-structural thinking are *not* limited to CSS layouts. They can power and streamline table-based layouts, too.

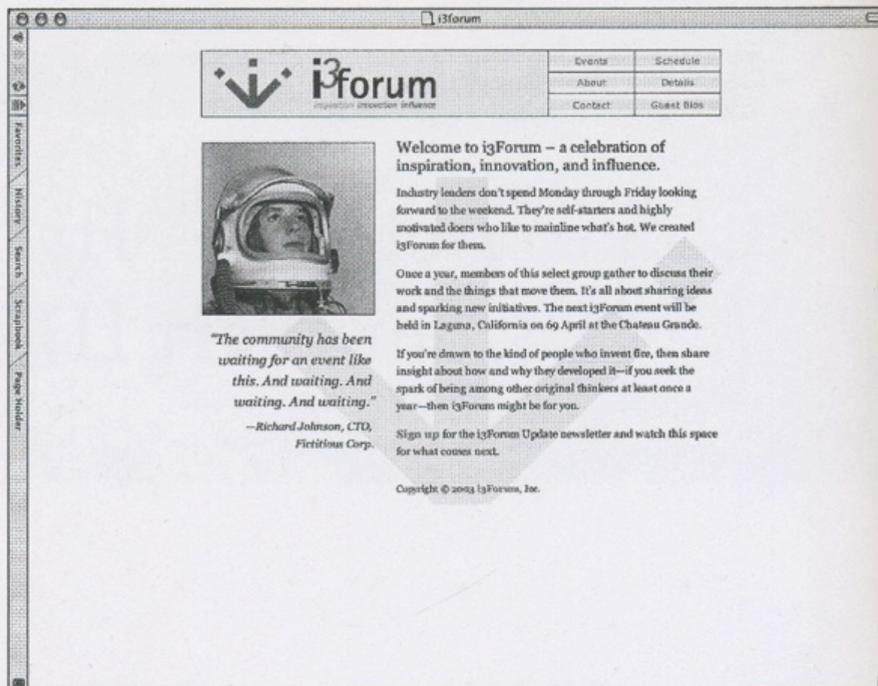
**HTML
Table Layout
code**

**HTML
web
standards
for CSS**

**Designing with Web
Standards
Jeffrey Zeldman, 2003**

10.1

The template as it appears after our first pass at CSS. Elements, sizes, fonts, and colors are in place, but backgrounds don't quite fill the right-side menu "buttons." A bit more work is needed.



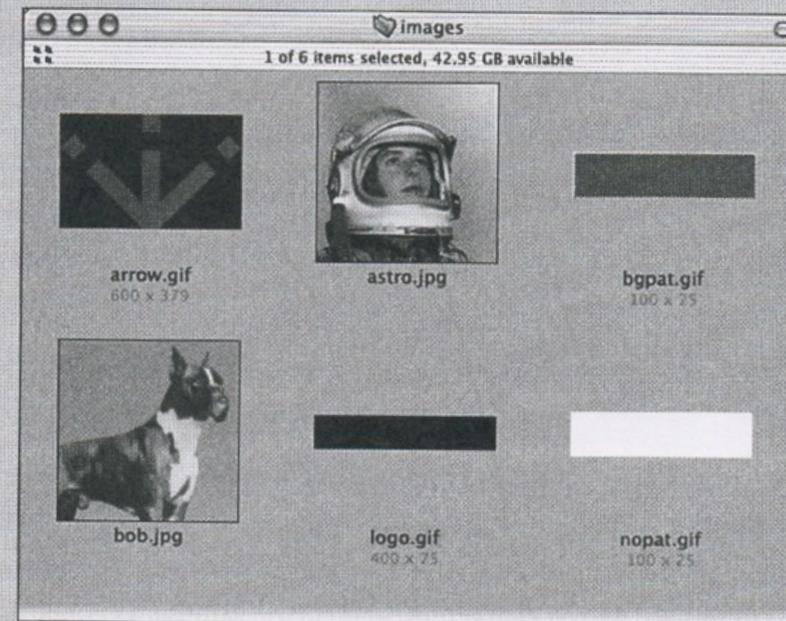
Preparing Images

Although the site was designed in Photoshop, it's not your typical slice and dice job. Figure 10.2 shows the six images used to create the entire site. Three are for foreground use: the astronaut photo, the "best of breed" dog photo, and the transparent logo GIF used at the top-left corner of the menu bar.

The remaining three images are backgrounds. Arrow.gif is a screened image derived from the logo that will be placed in the background as a watermark. Bgpat.gif [10.3], consisting of single-colored pixels alternating with single transparent pixels, will be used to create background color effects in the menu bar. Nopat.gif, a plain-white background, will replace bgpat.gif in CSS rollover effects and might also be used to indicate the visitor's position within the site's hierarchy via an embedded style added to each page at the end of the project (see the following sidebar, "The Needless Image").

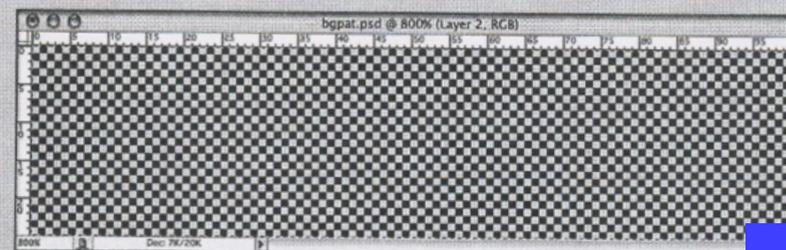
The Needless Image

Strictly speaking, one of our six images is not needed in this execution. Nopat.gif, the plain-white background image [10.2], is superfluous. A CSS rule specifying background: white would have the same effect (and later in this chapter we'll use a rule like that instead of nopat.gif).



10.2

Just six images were used in this site, three of them as backgrounds. Photoshop's/ImageReady's "slice and dice" features are not needed.



10.3

The alternating pixel background GIF image enlarged 800% and with a black background, inserted for this book's purposes, standing in for

For our nav bar, however, we've gone ahead and used this background anyway, so you can see how a CSS background image swap is achieved. In an execution involving swapped watermarked or textured backgrounds, you need two images; therefore, you would need to write the kind of CSS rules shown in this part of the chapter.

Designing with Web Standards
Jeffrey Zeldman, 2003

Semantic Markup

Separation of Concerns

HTML = content + interface

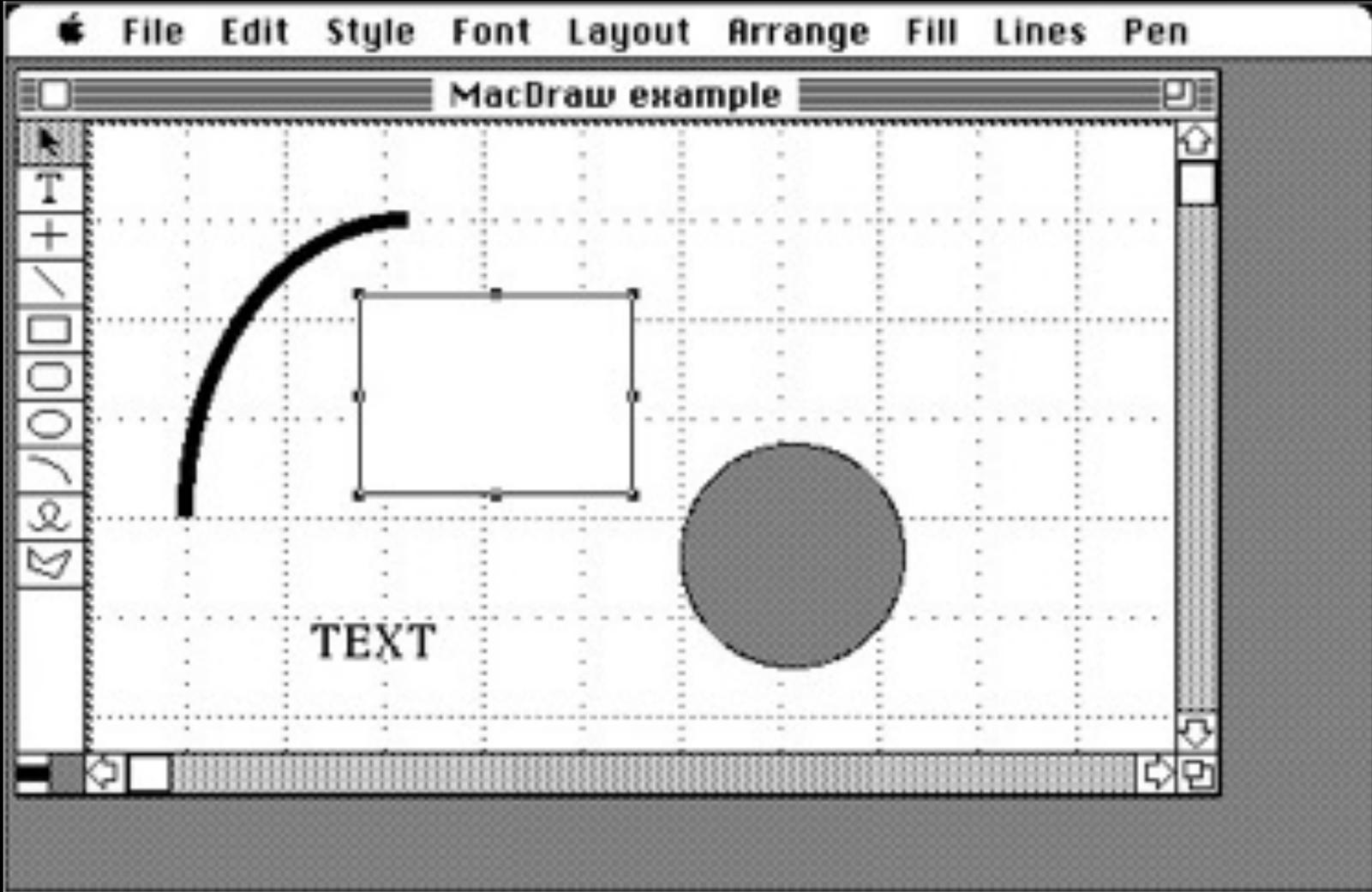
CSS = styling look & layout

Absolute Positioning



It's the web!

1984



Bert Bos & Håkon Wium Lie | CSS Reset | CSS Day 2017

7 months ago | More

Web Conferences Amsterdam PLUS [+ Follow](#)

602 5 2 0

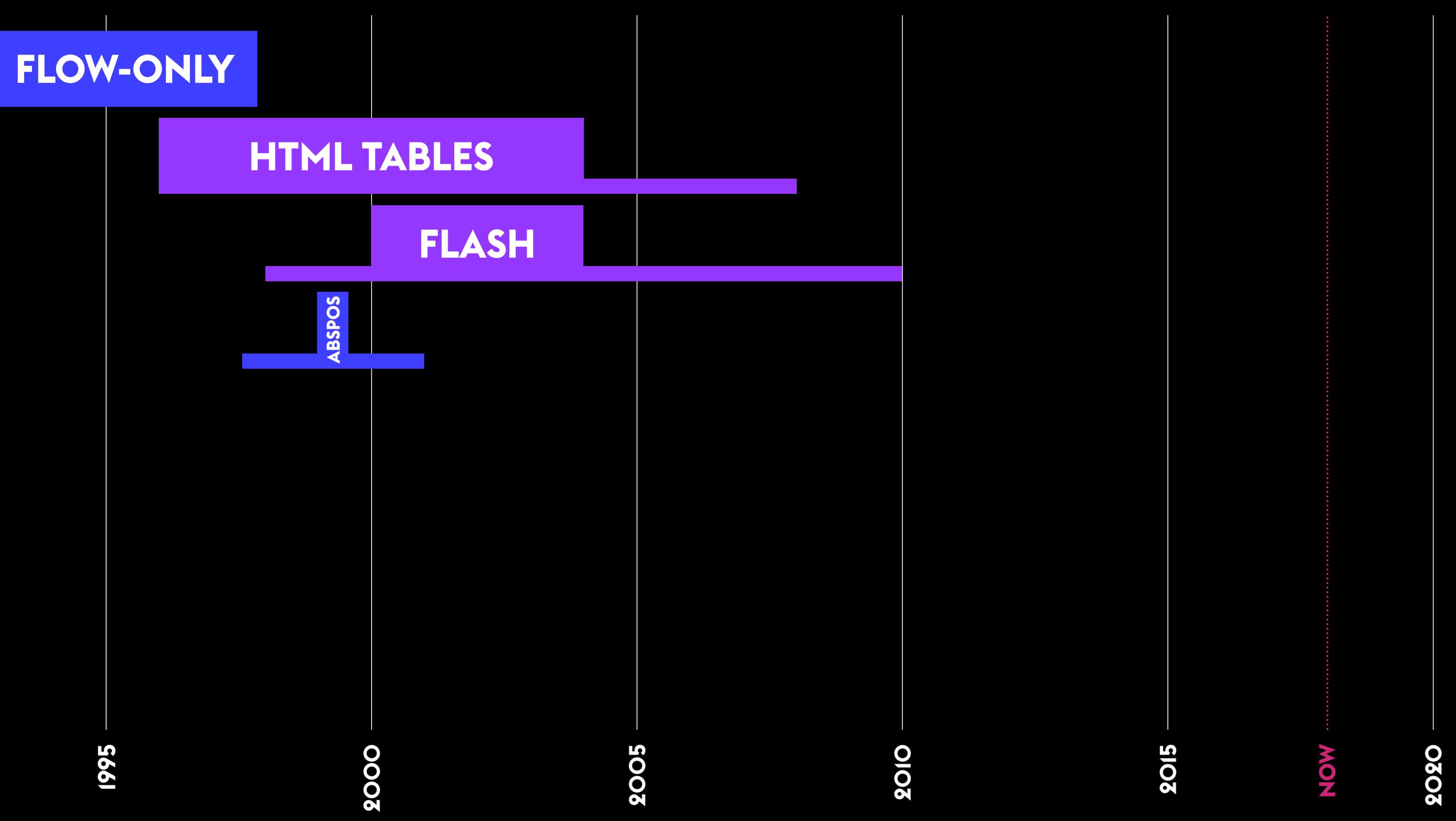
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In this session the two inventors of CSS will talk about what they'd do differently if they could design CSS all over again. For instance, was the C-language syntax optimal, or should CSS1 have been even simpler to achieve quick and widespread interoperability?

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Autoplay next video

-  Bert Bos & Håkon...
Web Conferences Amsterdam
-  Chris Wilson | We...
Web Conferences Amsterdam
-  Patrick Kettner | ...
Web Conferences Amsterdam



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HTML TABLES

FLASH

ABSPOS

NOW

1995

2000

2005

2010

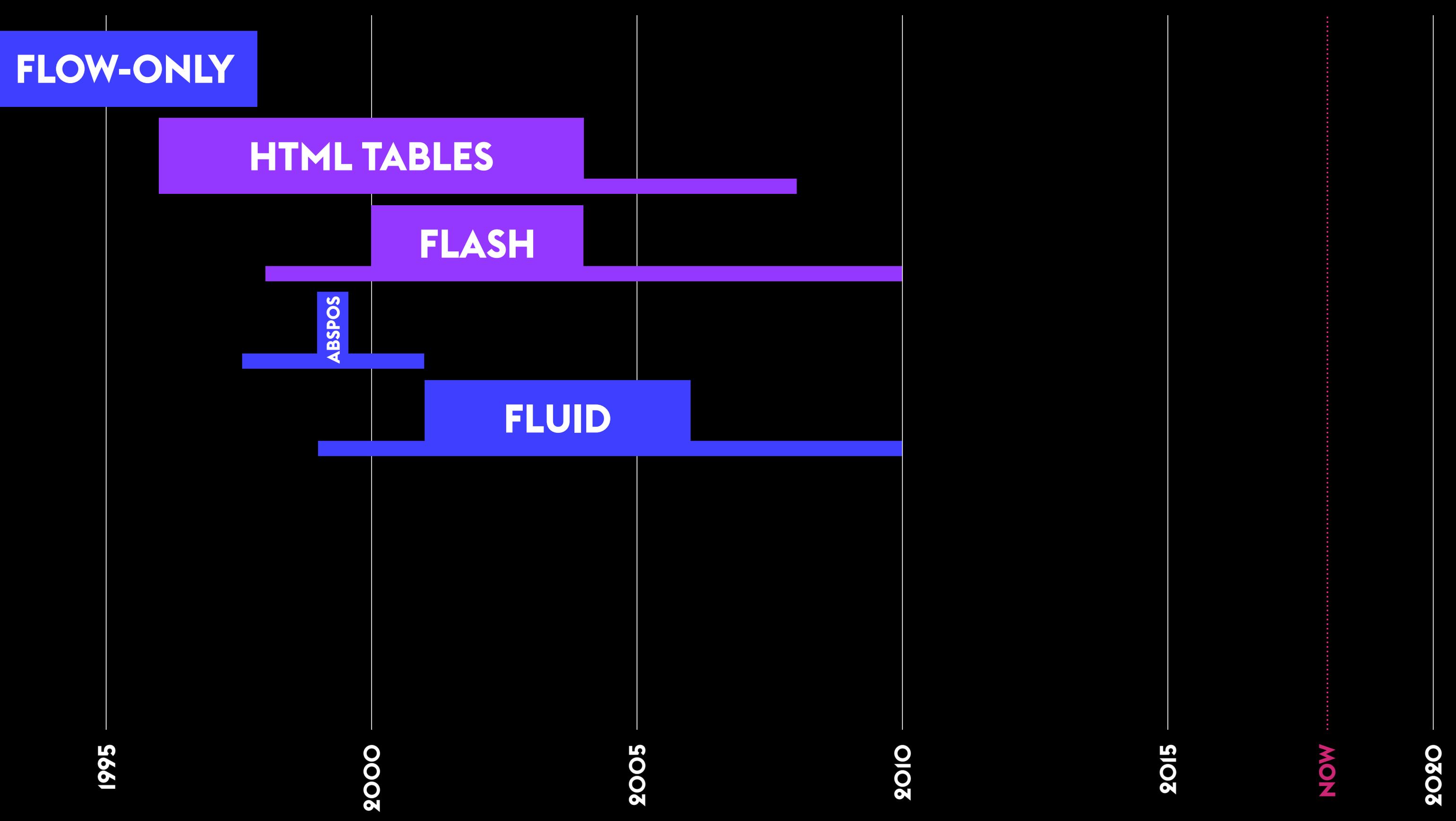
2015

2020

Fluid Layouts using Floats



It's the web!



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ABSP0S

FLUID

1995

2000

2005

2010

2015

NOW

2020

This is my first headline

Lorem ipsum dolor sit amet consectetur adipiscing, elit inceptos nunc et litora, cras class id morbi viverra. Leo in hac vel sed molestie fringilla fusce orci, dis nibh pharetra quisque inceptos interdum tortor, porta parturient varius magna curae feugiat vestibulum egestas, suscipit facilisi accumsan torquent aptent lobortis. Non dictum feugiat himenaeos consequat per odio ante porta eget senectus, ac accumsan ligula laoreet vivamus sociis mollis habitasse magna, felis massa dis id malesuada donec ut pulvinar iaculis.

Let's center the second even longer headline



Nullam bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus pellentesque nec urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum eu. Nam tempus diam eget blandit efficitur. Etiam sed porta nisi. Donec sit amet sapien in est pellentesque sollicitudin. Donec nec erat efficitur, efficitur purus vel, vehicula odio. Fusce eget placerat massa, vel porta lacus. Proin consectetur finibus lacinia.

AEA 2018 — Example 2, Fluid X AEA 2018 — Example 2.5, Fluid X

https://codepen.io/jensimmons/live/vRRbJe

Let's center the second even longer headline



Nullam bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus pellentesque nec urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum eu. Nam tempus diam eget blandit efficitur. Etiam sed porta nisi. Donec sit amet sapien in est pellentesque sollicitudin. Donec nec erat efficitur, efficitur purus vel, vehicula odio. Fusce eget placerat massa, vel porta lacus. Proin consectetur finibus lacinia.

This is my first headline

Lorem ipsum dolor sit amet consectetur adipiscing, elit inceptos nunc et litora, cras class id morbi viverra. Leo in hac vel sed molestie fringilla fusce orci, dis nibh pharetra quisque inceptos interdum tortor, porta parturient varius magna curae feugiat vestibulum egestas, suscipit facilisi accumsan torquent aptent lobortis. Non dictum feugiat himenaeos consequat per odio ante porta eget senectus, ac accumsan ligula laoreet vivamus sociis mollis habitasse magna, felis massa dis id malesuada donec ut pulvinar iaculis.

Fluid Columns



It's the web!



We need art!



We need art!

Fixed-Width Layouts using Floats

AEA 2018 — Example 3, Fixed X +

https://codepen.io/jensimmons/live/GxxeBV

This is now the first set of content

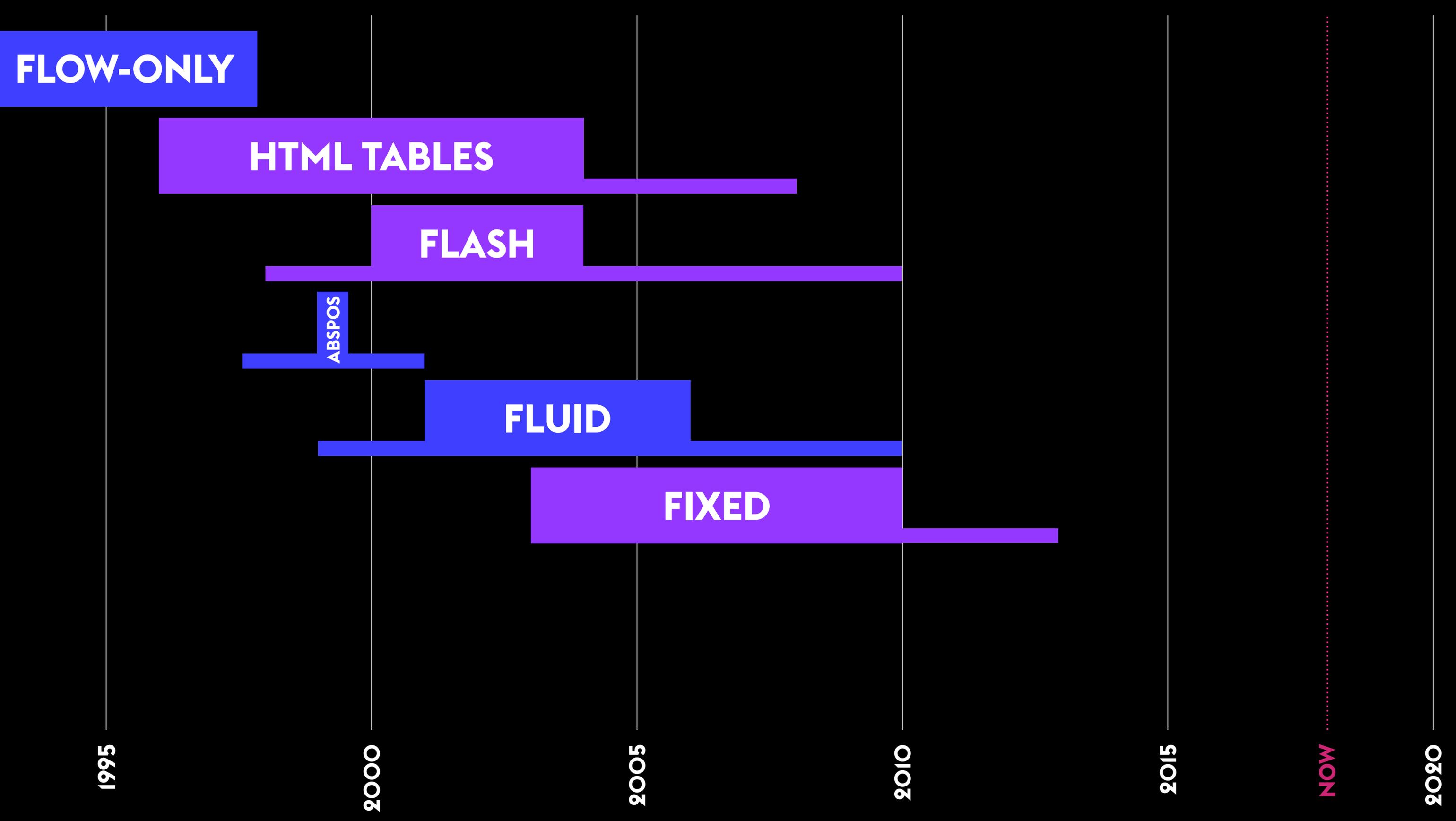


This is my first headline

Lorem ipsum dolor sit amet consectetur adipiscing, elit inceptos nunc et litora, cras class id morbi viverra. Leo in hac vel sed molestie fringilla fusce orci, dis nibh pharetra quisque inceptos interdum tortor, porta parturient varius magna curae feugiat vestibulum egestas, suscipit facilisi accumsan torquent aptent lobortis. Non dictum feugiat himenaeos consequat per odio ante porta eget senectus, ac accumsan ligula laoreet vivamus sociis mollis habitasse magna, felis massa dis id malesuada donec ut pulvinar laculis.

Nullam bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus pellentesque nec urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum eu. Nam tempus diam eget blandit efficitur. Etiam sed porta nisi. Donec sit amet sapien in est pellentesque sollicitudin. Donec nec

Fixed-sized Content



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ABSP0S

FLUID

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NOW

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2015

2020

Responsive Web Design



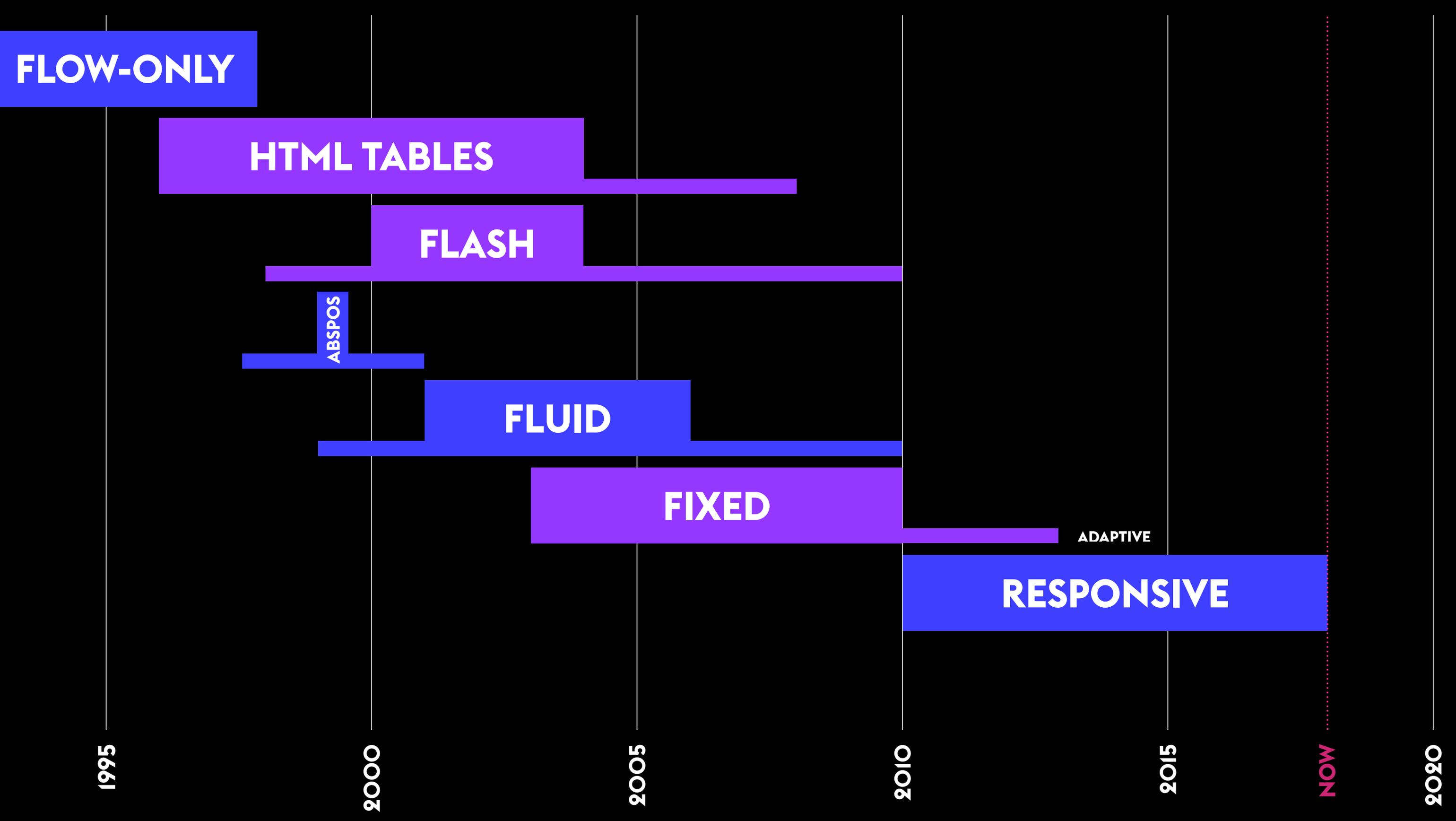
It's the web!

2010

Responsive Web Design is:

A **flexible grid** (with **flexible images**)
that incorporates **media queries** to
create a responsive, adaptive layout.

Ethan Marcotte
AEA 2010



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FLASH

ABSPPOS

FLUID

FIXED

ADAPTIVE

RESPONSIVE

1995

2000

2005

2010

2015

NOW

2020

This is the Article with a Longer Headline



Nullam bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus pellentesque nec urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum eu. Nam tempus diam eget blandit efficitur. Etiam sed porta nisi. Donec sit amet sapien in est pellentesque sollicitudin. Donec nec erat efficitur, efficitur purus vel, vehicula odio. Fusce eget placerat massa, vel porta lacus. Proin consectetur finibus

This is my sidebar headline

Lorem ipsum dolor sit amet consectetur adipiscing, elit inceptos nunc et litora, cras class id morbi viverra. Leo in hac vel sed molestie fringilla fusce orci, dis nibh pharetra quisque inceptos interdum tortor, porta parturient varius magna curae feugiat vestibulum egestas, suscipit facilisi accumsan torquent aptent lobortis. Non dictum feugiat himenaeos consequat per odio ante porta eget senectus, ac accumsan ligula laoreet vivamus sociis mollis habitasse magna, felis massa dis id malesuada donec ut pulvinar iaculis.

Fluid Images & Media Media Queries

2010

It's not *just*
about layout.

Ethan Marcotte
AEA 2010

Responsive Web Design
has been about so much more
than layout.

**One Web. No desktop v mobile web.
There is no mobile context.
Unknown / infinite sizes of screens.
Design / develop Mobile first.
Truncation is not a content strategy
One content system to serve all.
One design system to serve all.
Responsive images.
Performance.**

One Web. No desktop v mobile web.

There is no mobile context.

Uniform widths / in / sizes / screens.

Desktop / level / Mobile first

Truncation is a common strategy

One content system to serve all

One design system to serve all

Responsive images.

Performance.

THE S

Let's do
talk about **layout.**

CSS Grid

Flexbox

Alignment

Writing Modes

Multicolumn

Viewport Units

Transforms

Object Fit

Clip-path

Masking

Shape-outside

Initial-letter

Flow

Overflow

Floats

Block

Inline

Inline-block

Display: table

Margin

Negative margins

Padding

Positioning

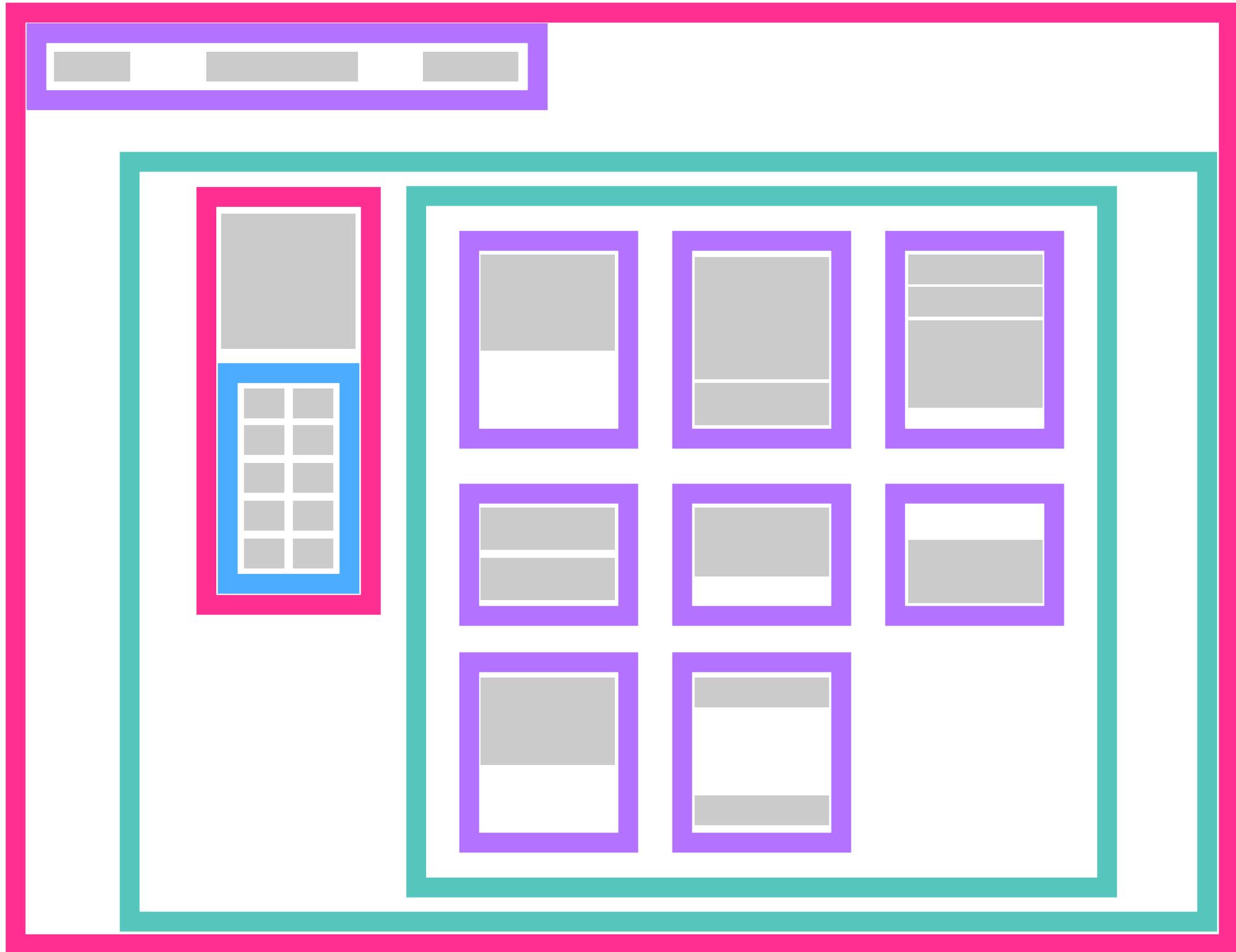
& everything else in CSS

Flow (with writing modes)

CSS Grid

Flexbox

Multicolumn



Flexbox

CSS Grid

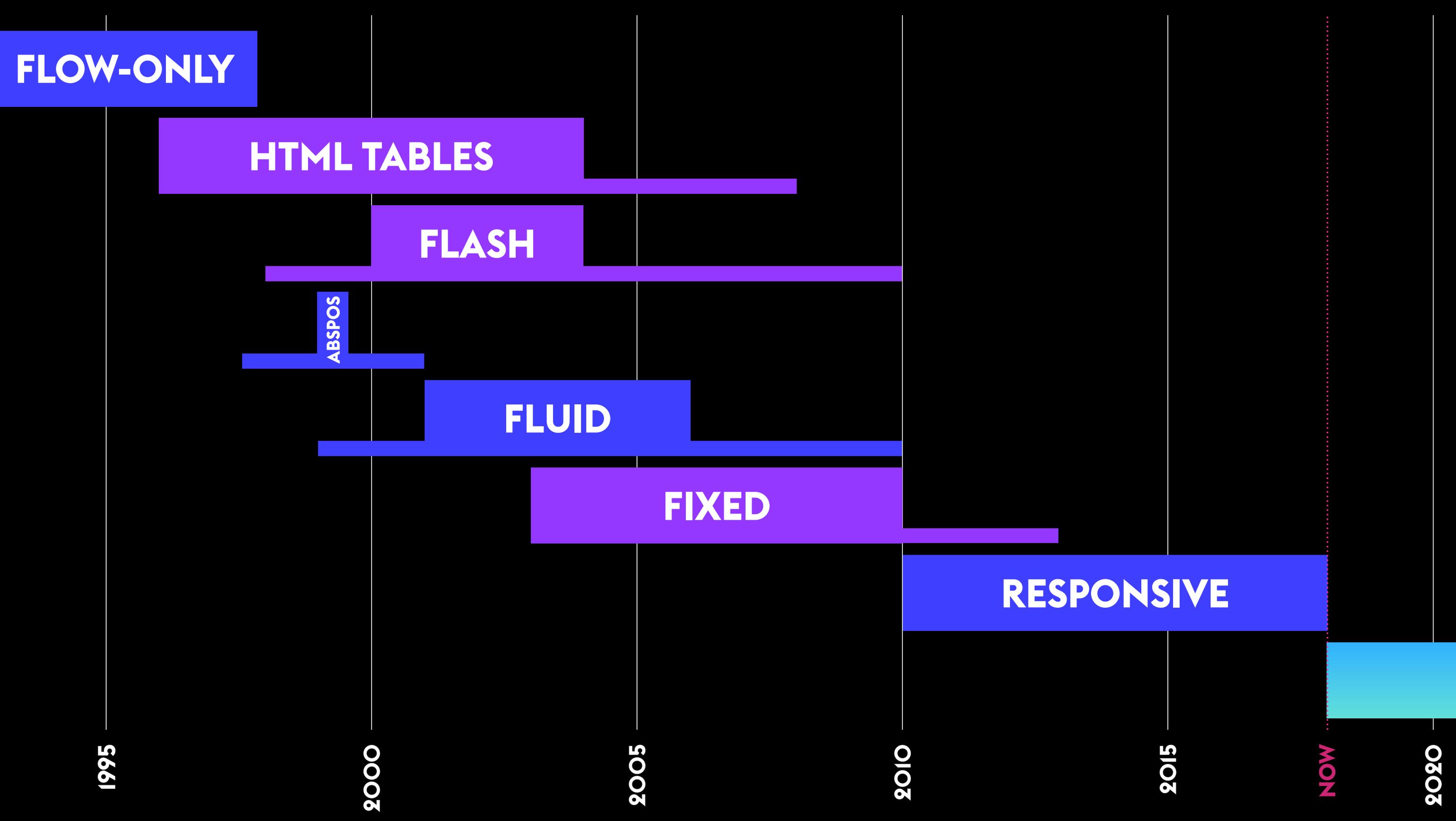
Flow

Multicolumn

CSS Grid

Responsive Web Design

***now more better.**



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FLASH

ABSPPOS

FLUID

FIXED

RESPONSIVE

1995

2000

2005

2010

2015

NOW

2020



It's the web!



We need art!

Intrinsic Web Design

“intrinsic : belonging to the essential nature or constitution of a thing .”

— Merriam-Webster



CSS Intrinsic & Extrinsic Sizing Module Level 3



W3C Working Draft, 4 March 2018

This version:
<https://www.w3.org/TR/2018/WD-css-sizing-3-20180304/>

Latest published version:
<https://www.w3.org/TR/css-sizing-3/>

Editor's Draft:
<https://drafts.csswg.org/css-sizing-3/>

Previous Versions:
<https://www.w3.org/TR/2017/WD-css-sizing-3-20170207/>

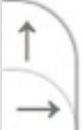
Issue Tracking:
[Inline In Spec](#)
[GitHub Issues](#)

Editors:
[Tab Atkins](#) (Google)
[Elika J. Etemad / fantasai](#) (Invited Expert)

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Abstract

This module extends the CSS sizing properties with keywords that represent content-based "intrinsic" sizes and context-based "extrinsic" sizes, allowing CSS to more easily describe boxes that fit their content or fit into a particular layout context.



The new reality of Intrinsic Web Design

- 1. Contracting & Expanding**
- 2. Flexibility**
- 3. Viewport**



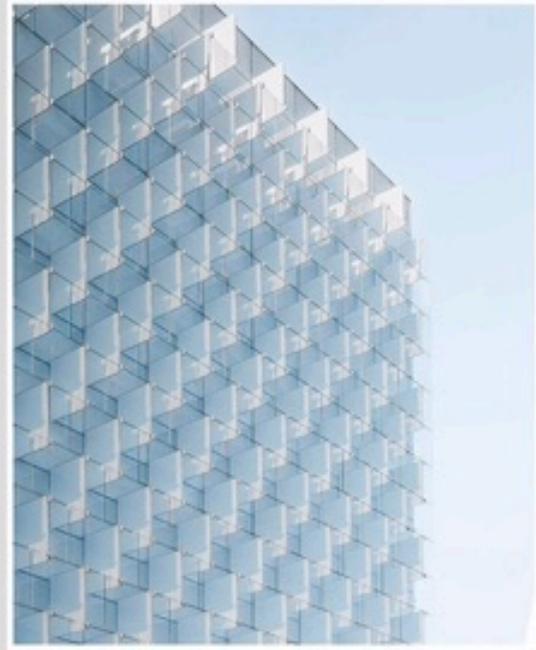
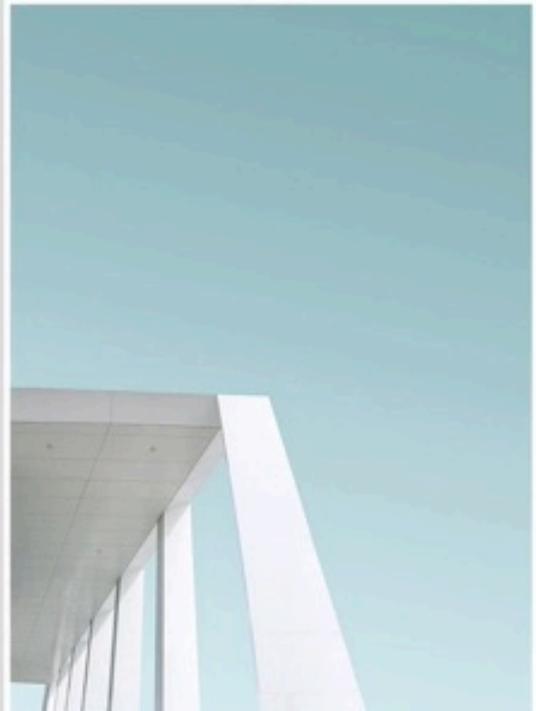
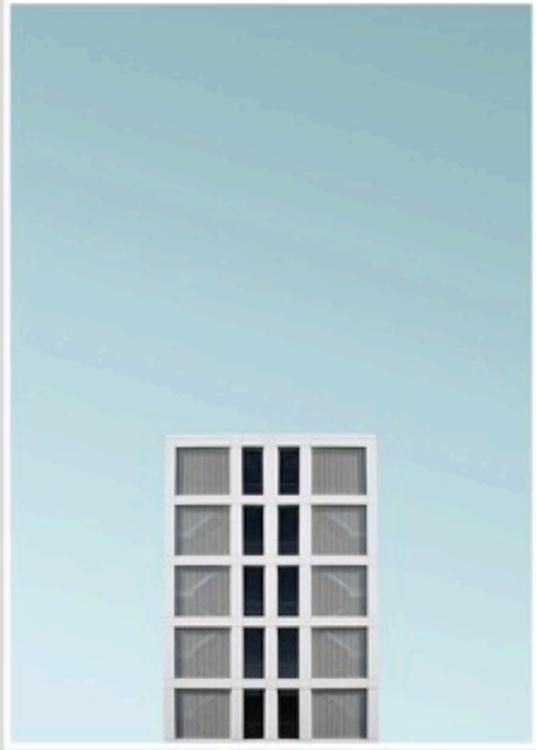
1. **Ways to Contract and Expand Space**

Wrap & Reflow

This is the the headline

Lorem ipsum dolor sit amet consectetur adipiscing, elit inceptos nunc et litora, cras class id morbi viverra. Leo in hac vel sed molestie fringilla fusce orci, dis nibh pharetra quisque inceptos interdum tortor, porta parturient varius magna curae feugiat vestibulum egestas, suscipit facilisi accumsan torquent aptent lobortis. Non dictum feugiat himenaeos consequat per odio ante porta eget senectus, ac accumsan ligula laoreet vivamus sociis mollis habitasse magna, felis massa dis id malesuada donec ut pulvinar iaculis.

Nullam bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus pellentesque nec urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum eu. Nam tempus diam eget blandit efficitur. Etiam sed porta nisi. Donec sit amet sapien in est pellentesque sollicitudin. Donec nec erat efficitur, efficitur purus vel, vehicula odio. Fusce eget placerat massa, vel porta lacus. Proin consectetur finibus lacinia.

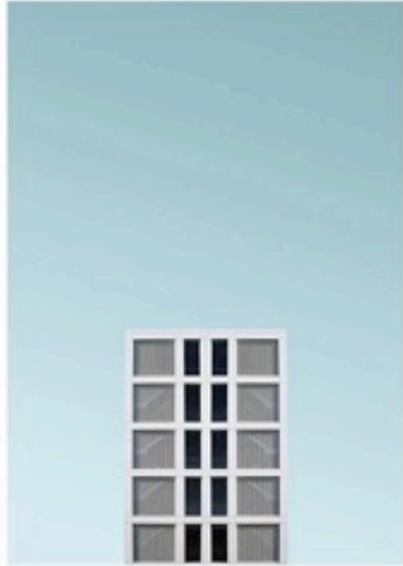




Lorem ipsum dolor

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VIVAMUS FELIS



Fusce eget

Placerat massa, vel porta lacus.

VIVAMUS FELIS



Nullam bibendum

Hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus pellentesque nec urna id elementum. Proin consectetur finibus lacinia.

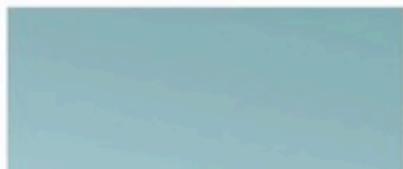
VIVAMUS FELIS



Maecenas a urna metus

Vivamus ac euismod ante.

VIVAMUS FELIS

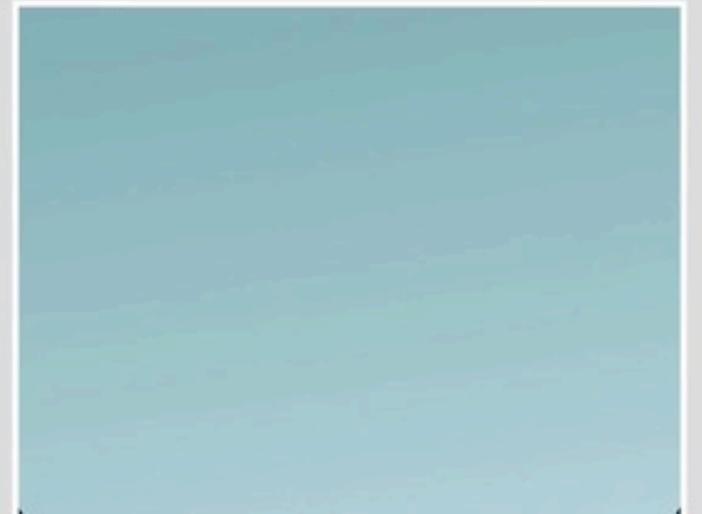
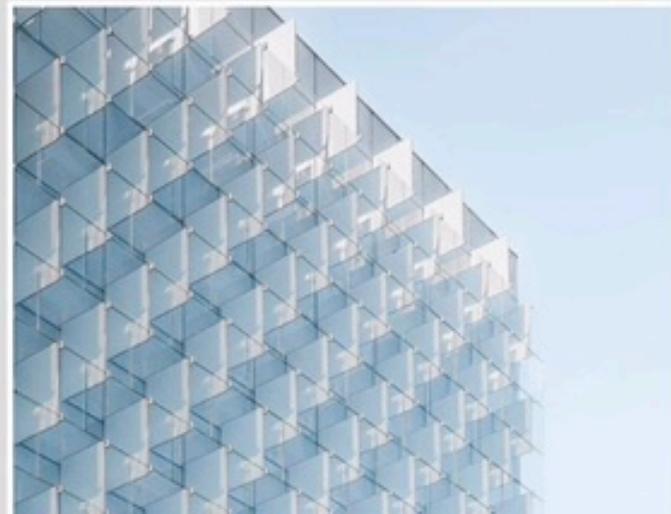
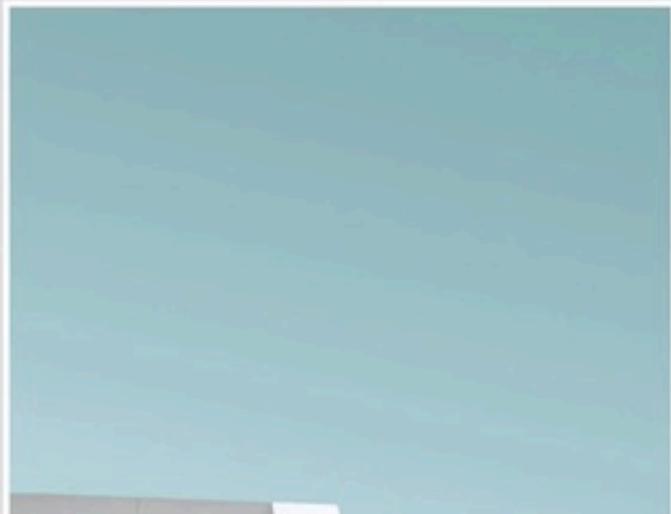
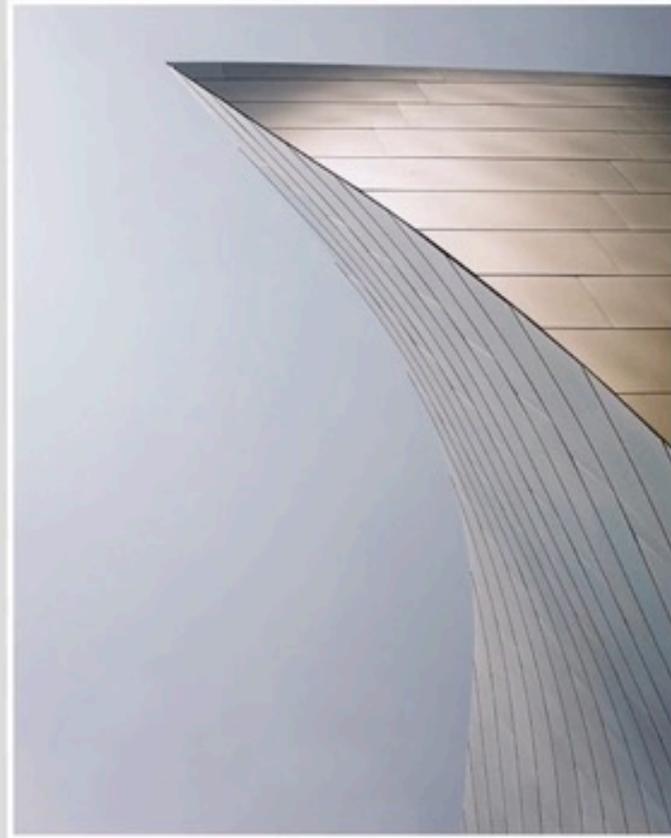
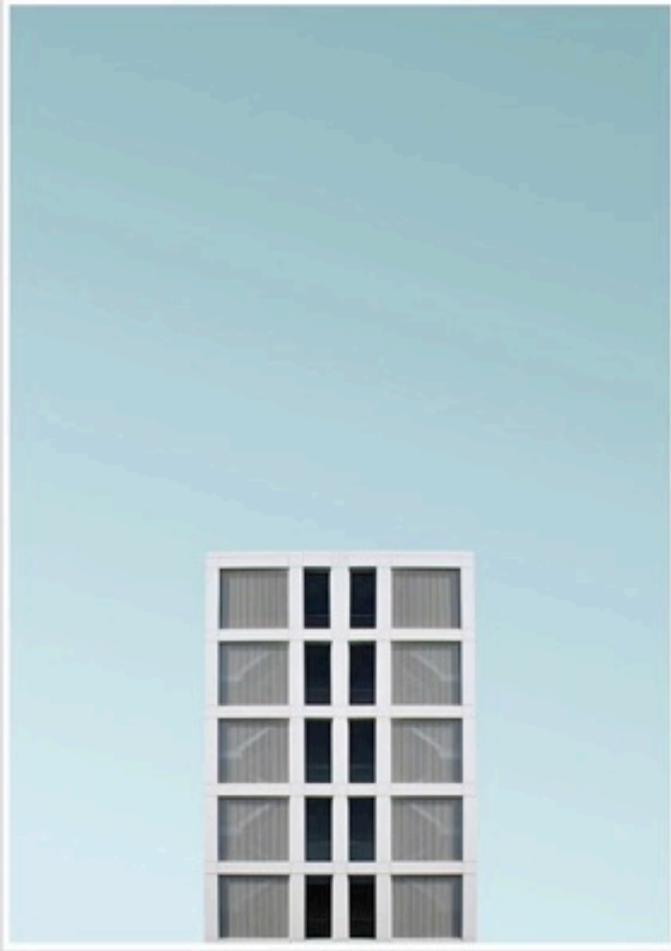


Fusce eget

Placerat massa, vel porta



Enlarge / Shrink



This is the the headline



Lorem ipsum dolor

Lorem ipsum dolor sit amet consectetur adipiscing, elit inceptos nunc et litora, cras class id morbi viverra.



VIVAMUS FELIS

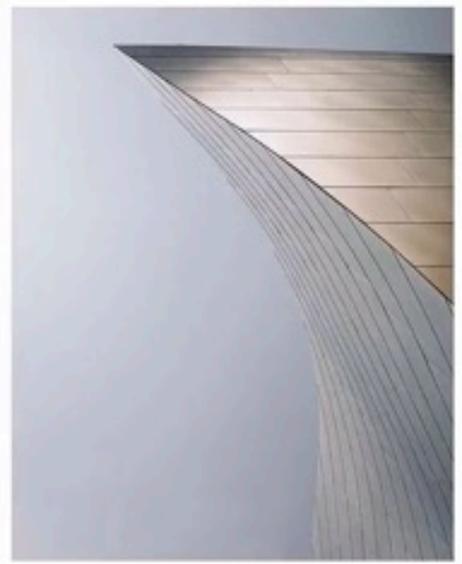


Fusce eget

Placerat massa, vel porta lacus.

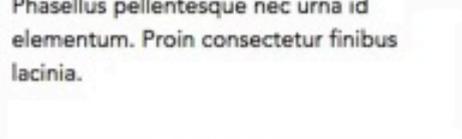


VIVAMUS FELIS



Nullam bibendum

Hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus pellentesque nec urna id elementum. Proin consectetur finibus lacinia.

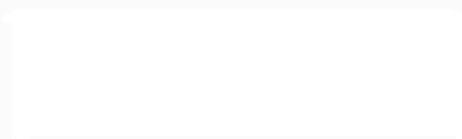


VIVAMUS FELIS



Maecenas a urna metus

Vivamus ac euismod ante.



VIVAMUS FELIS

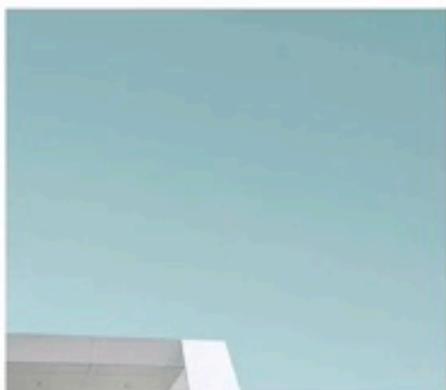


Vivamus ut risus porttitor

Porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum eu. Nam tempus diam eget blandit efficitur. Etiam sed porta nisi. Donec sit amet sapien in est pellentesque sollicitudin. Donec nec erat efficitur, efficitur purus vel, vehicula odio.



VIVAMUS FELIS

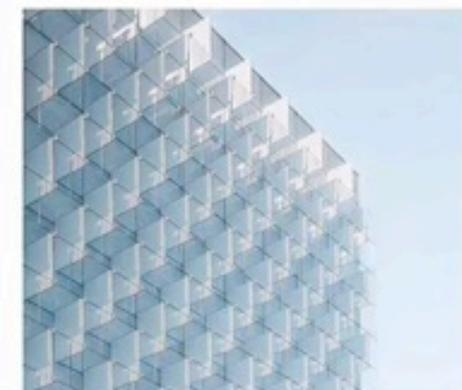


Fusce eget

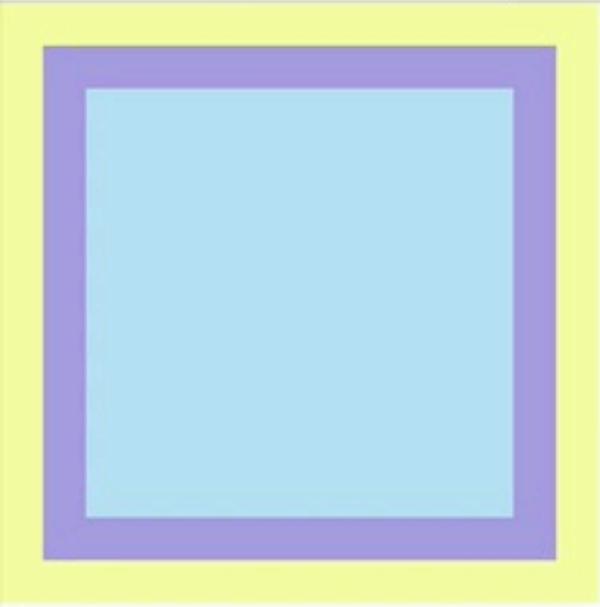
Placerat massa, vel porta lacus. Proin consectetur finibus lacinia.



Lorem ipsum dolor



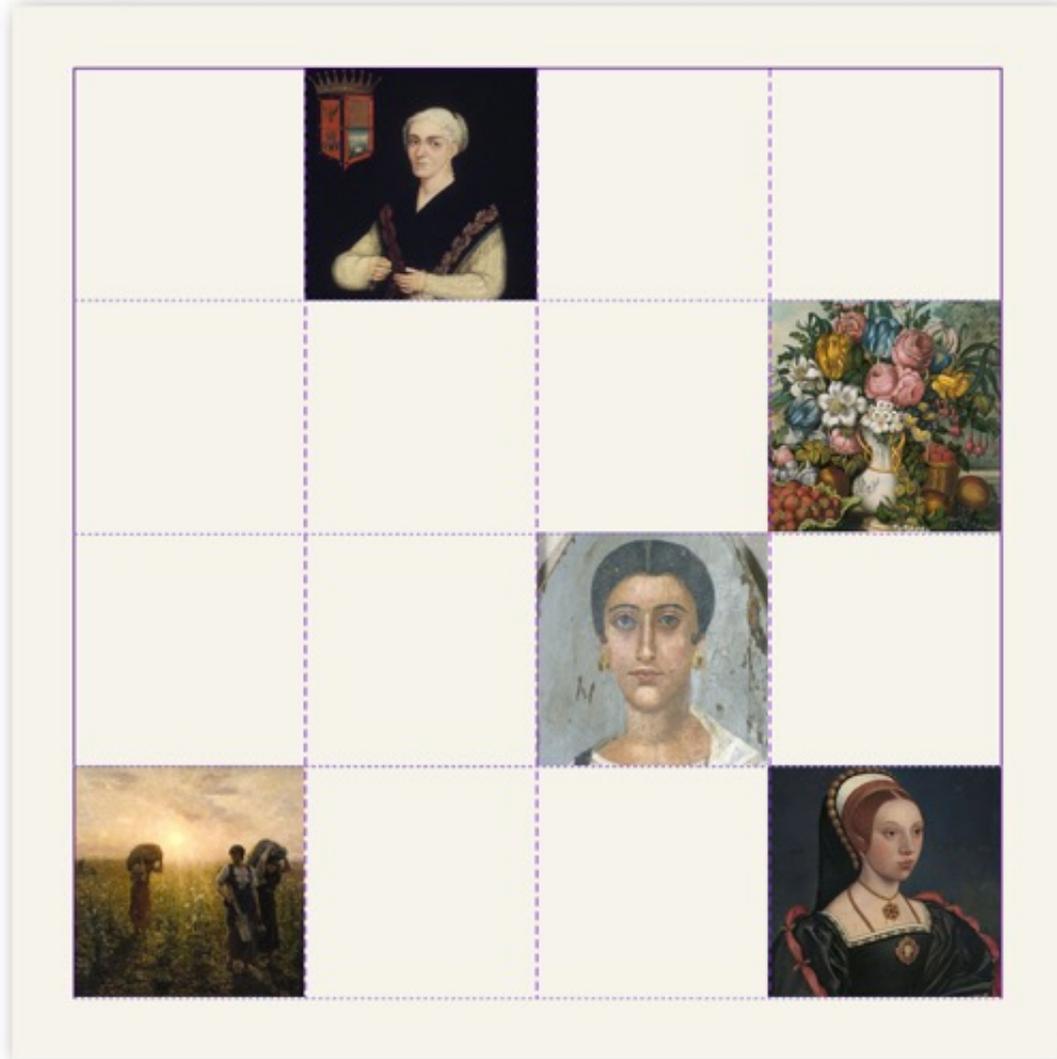
**Add / Remove
Whitespace**





variations on a grid

explicitly placed

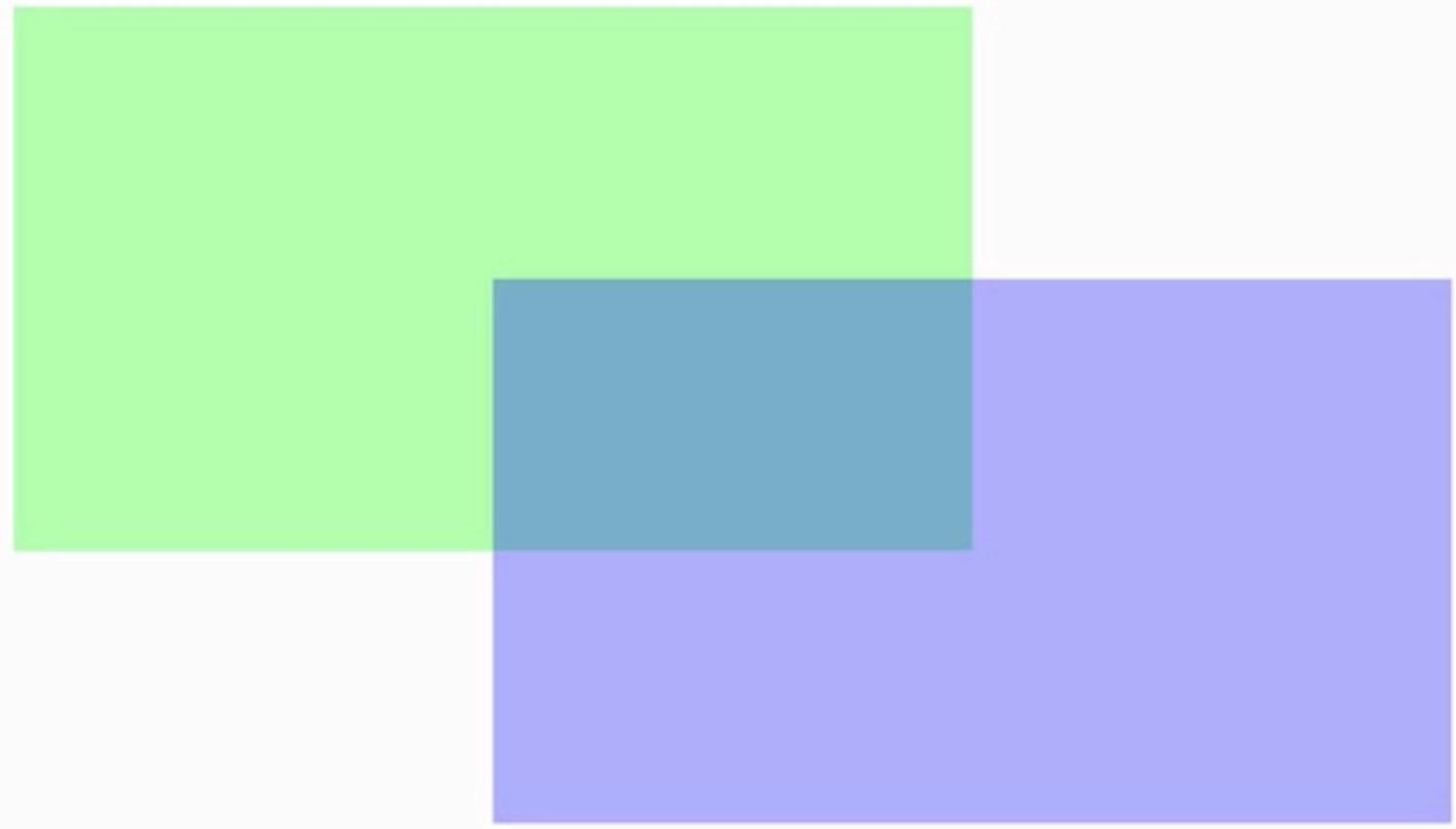


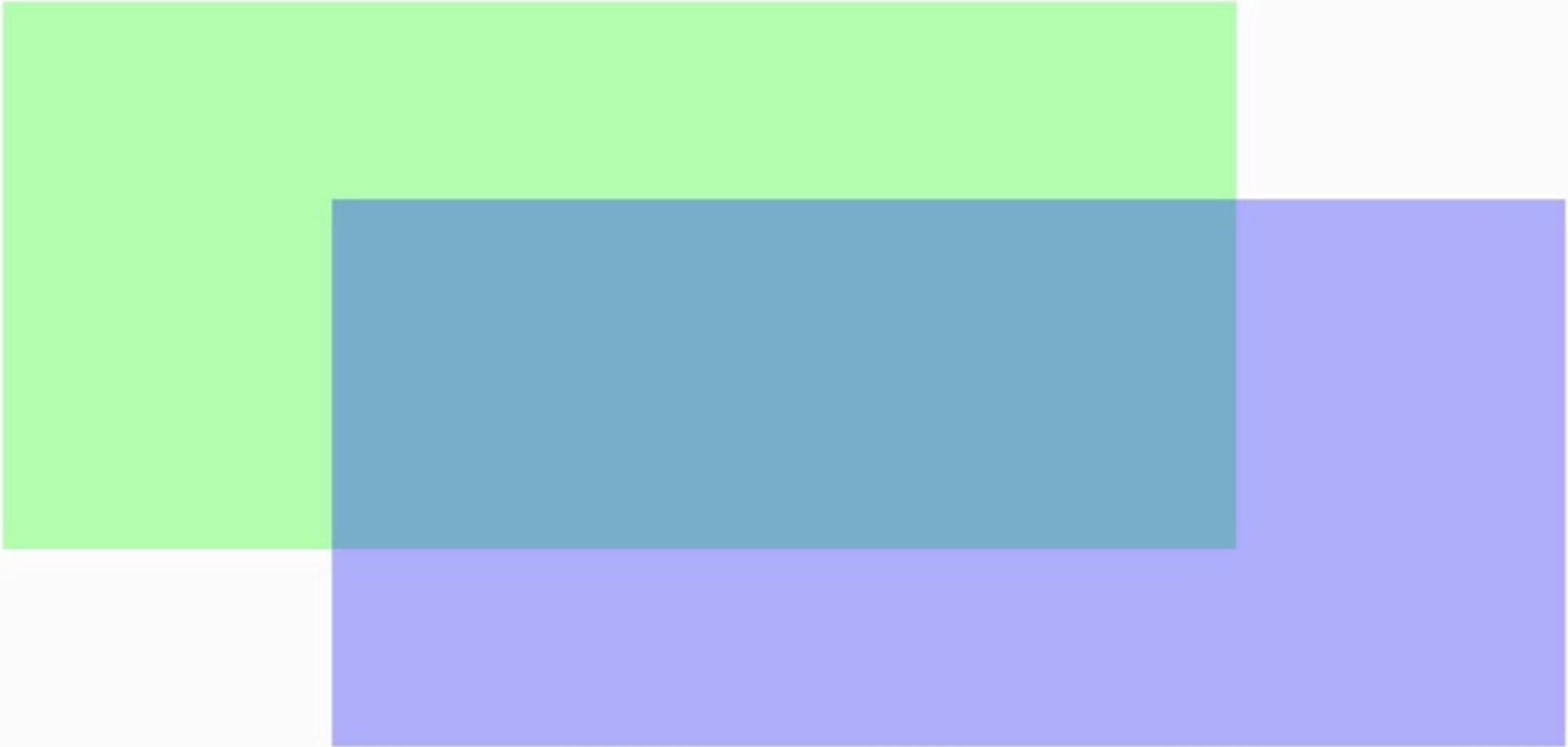
```
<!DOCTYPE html>
<html class="mti-inactive" dir="ltr" lang="en-us">
  <head>
  </head>
  <body>
    <main>
      <h1>Variations on a Grid</h1>
      <p class="warning">
      </p>
      <section class="fixed">
      </section>
      <section class="fluid">
      </section>
      <section class="responsive">
      </section>
      <section class="explicitly-placed">
        <h1>Explicitly Placed</h1>
        <ul class="grid-container">
          <li>
          </li>
          <li>
          </li>
          <li>
          </li>
          <li>
          </li>
          <li>
          </li>
        </ul>
      </section>
      <section class="overlanno">
      </section>
    </main>
  </body>
</html>
```

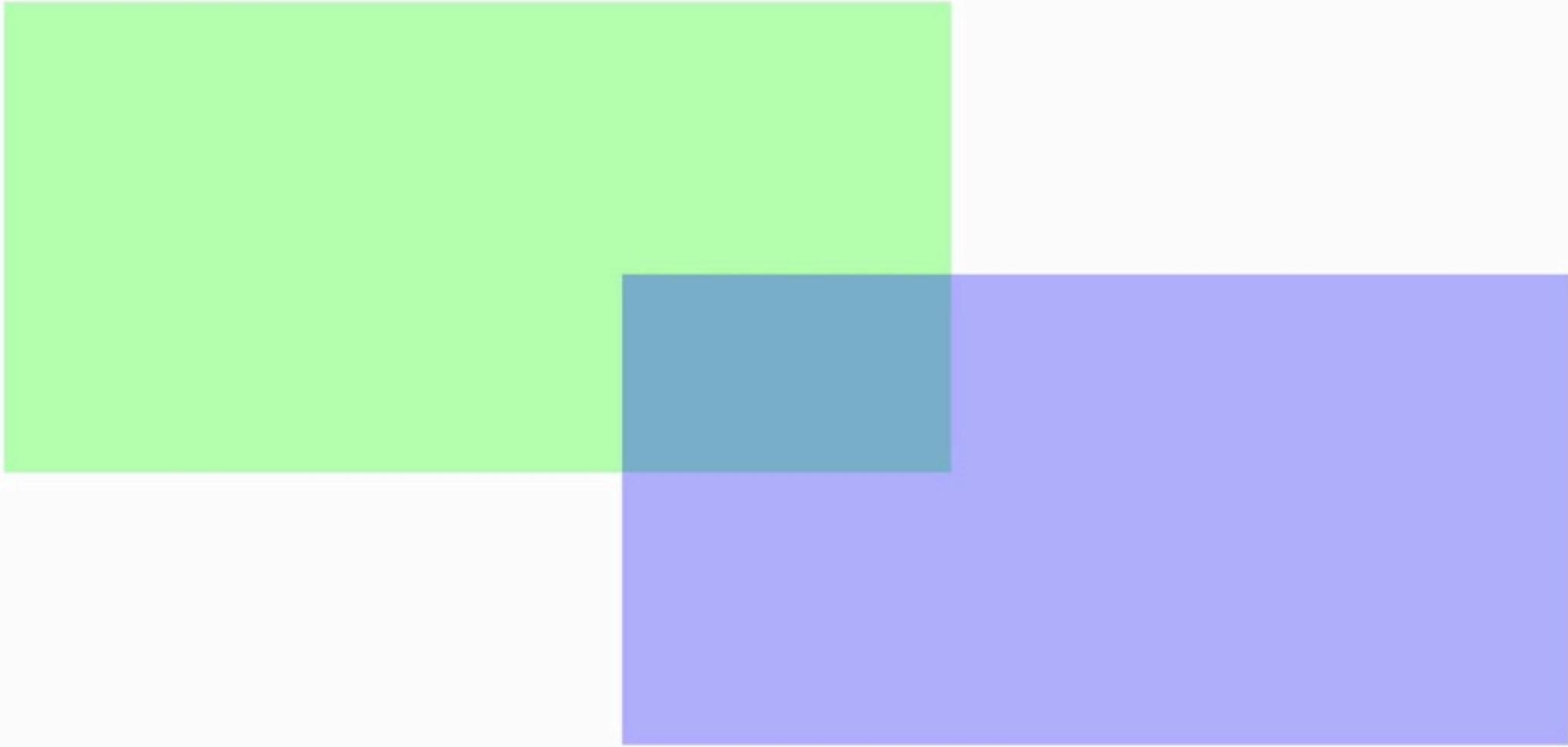
body > main > section.explicitly-placed > ul.grid-container > li

Rules	Computed	Animations	Fonts
Filter Styles			
element {			inline
.explicitly-placed ul {	display: # grid;		01-003.scss:47
	grid-template-columns: repeat(4, 1fr);		
	max-width: 600px;		
}			
ul {			01-003.scss:118
	list-style: none;		
	margin: 0 0 0 2rem;		
	padding: 2.2rem;		
	background: #f6f3ea;		
	box-shadow: 3px 2px 12px rgba(0, 0, 0, 0.4);		
}			

Slide / Overlap







1. Ways to Contract and Expand Space

Wrap & Reflow

Enlarge / Shrink

Add / Remove Whitespace

Slide / Overlap

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Grid Basics
Basics of CSS Grid: The Big Picture
15:25

CSS Shapes
Obliterate Boxiness with CSS Shapes
8:38

Grid like you're Jan Tschichold
CSS Grid like you are Jan Tschichold
13:51

Innovative Graphic Design
Innovative & Practical Graphic Design with CSS Grid
14:20

Flexbox vs CSS Grid
Flexbox vs. CSS Grid – Which is Better?
4:18

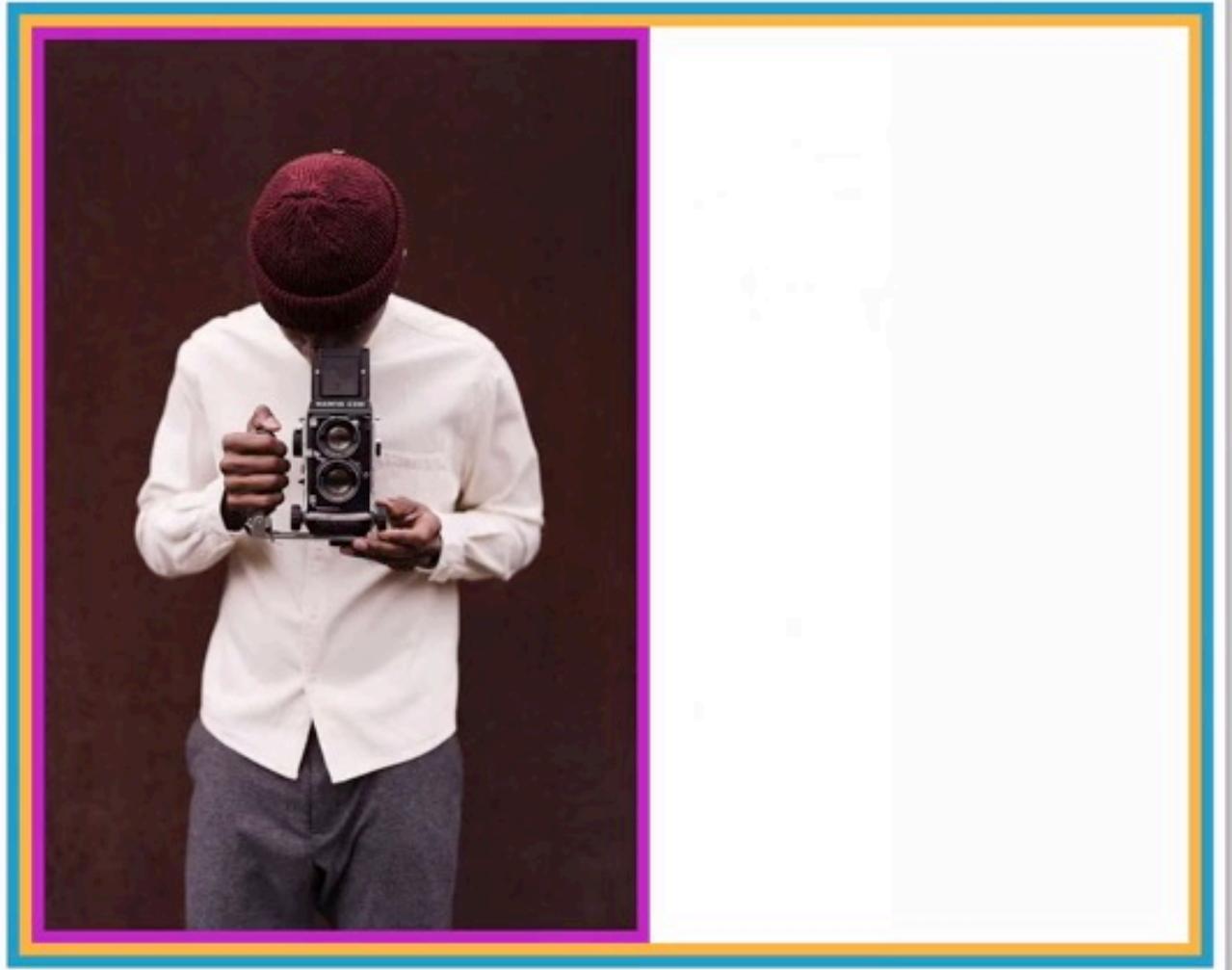
YOUTUBE.COM/
LAYOUTLAND

2.

2. New Possibilities for Flexibility

Images

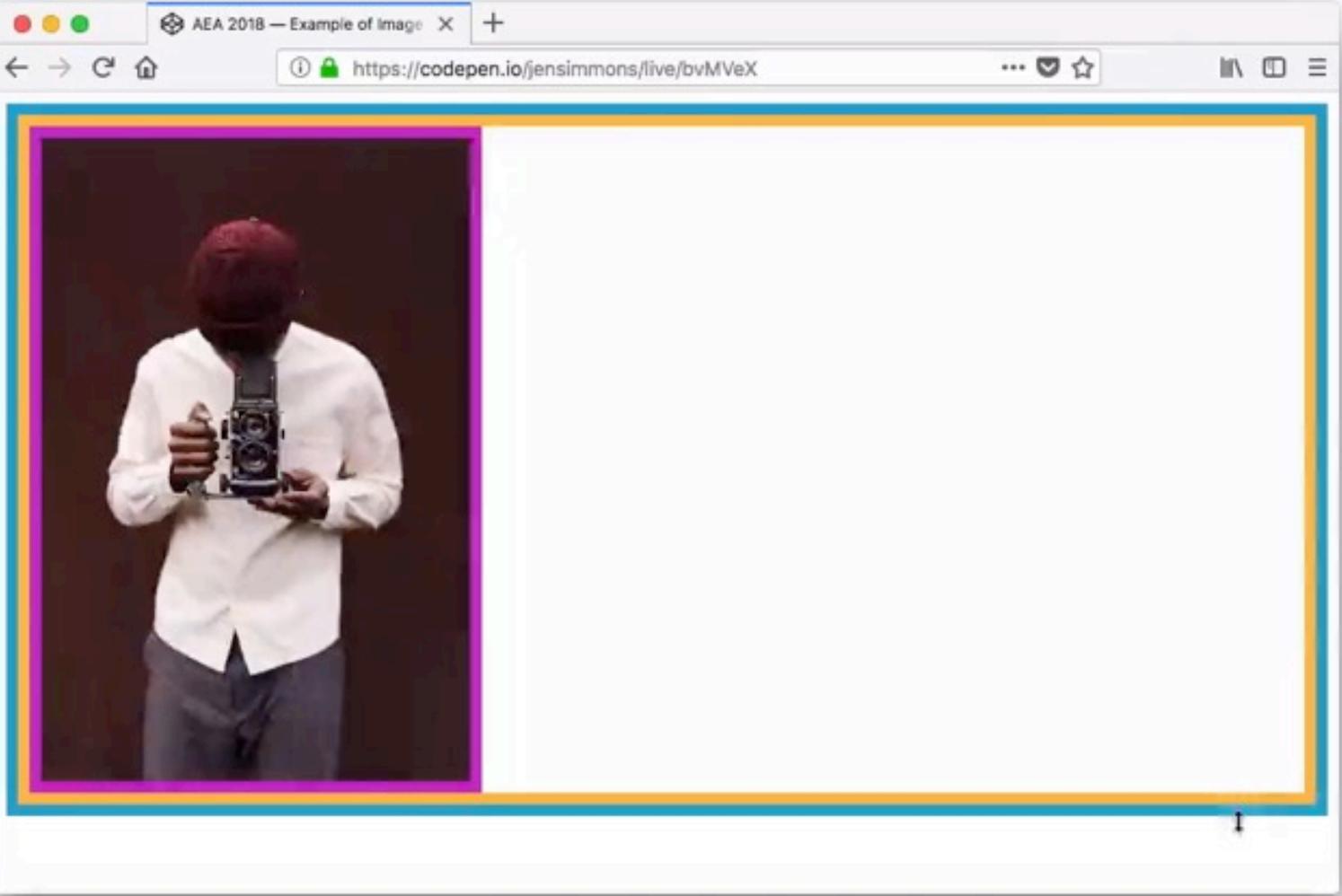
Fixed Images



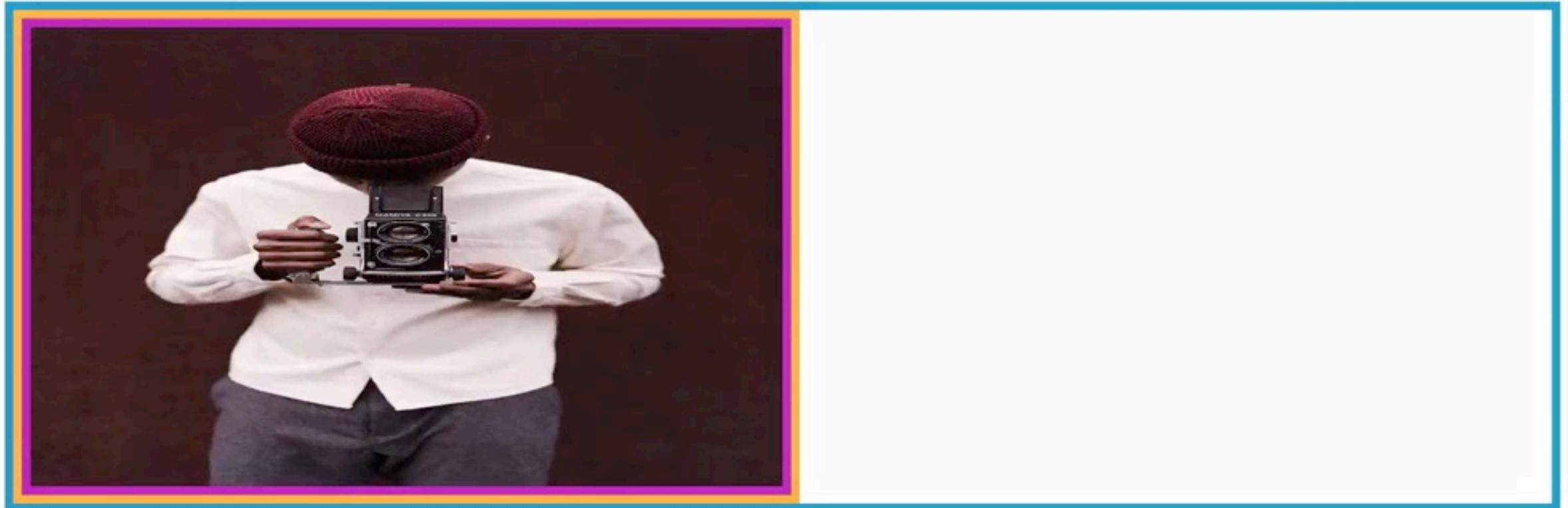
Fluid Images



Fluid, vertically

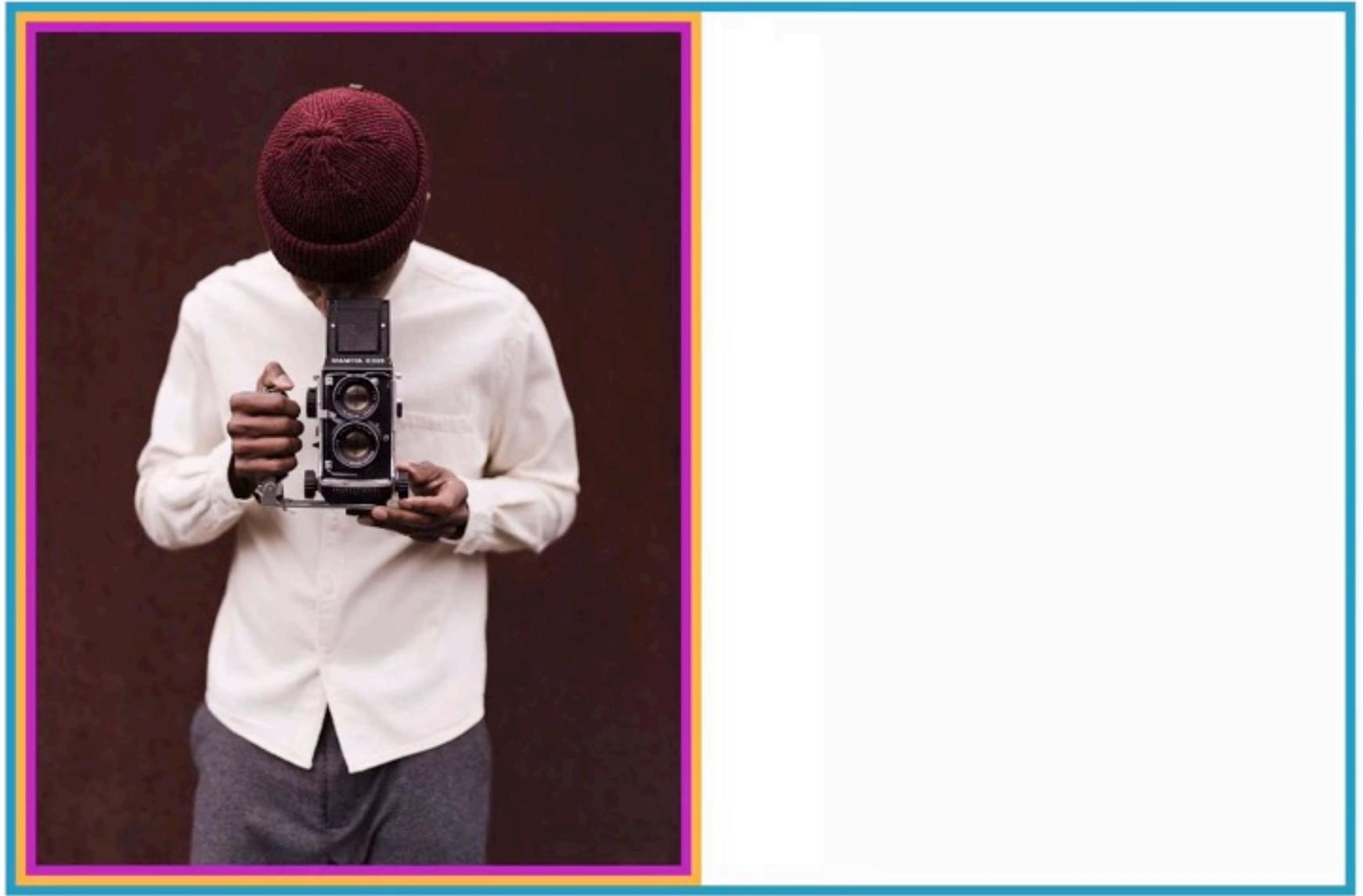


Set the width & height



Object Fit

```
object-fit: cover;
```



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https://www.youtube.com/channel/UC7TizprGknbDalbHplROtag/videos Personal

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Min & Max Content Sizing in CSS Grid – 1/3 Flexibility
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5:06
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Viewport Units
5:10
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7:07
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Overlap
8:20
7.9K views · 1 month ago
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Clip Path
3:53
4.7K views · 1 month ago
CC

Failing Well
5:24
4.6K views · 2 months ago
CC

(more) Feature Queries
4:46
4.2K views · 2 months ago
CC

Feature Queries
9:32
5.5K views · 2 months ago
CC

Overrides
8:43
6.6K views · 2 months ago
CC

Error Handling
7:30
7.2K views · 2 months ago
CC

Can I Use?
10:00
9.6K views · 2 months ago
CC

Resilient CSS
9:09
17K views · 2 months ago
CC

HTML & Source Order
6:46
4.8K views · 2 months ago
CC

Whitespace
5:37
5.6K views · 2 months ago
CC

Flexbox & Grid
8:53
10K views · 2 months ago
CC

Grid Basics
15:25
Basics of CSS Grid: The Big Picture

CSS Shapes
8:38
Obliterate Boxiness with CSS Shapes

Grid like you're Jan Tschichold
13:51
CSS Grid like you are Jan Tschichold

Innovative Graphic Design
14:20
Innovative & Practical Graphic Design with CSS Grid

Flexbox vs CSS Grid
4:18
Flexbox vs. CSS Grid – Which is Better?

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Fixed-size

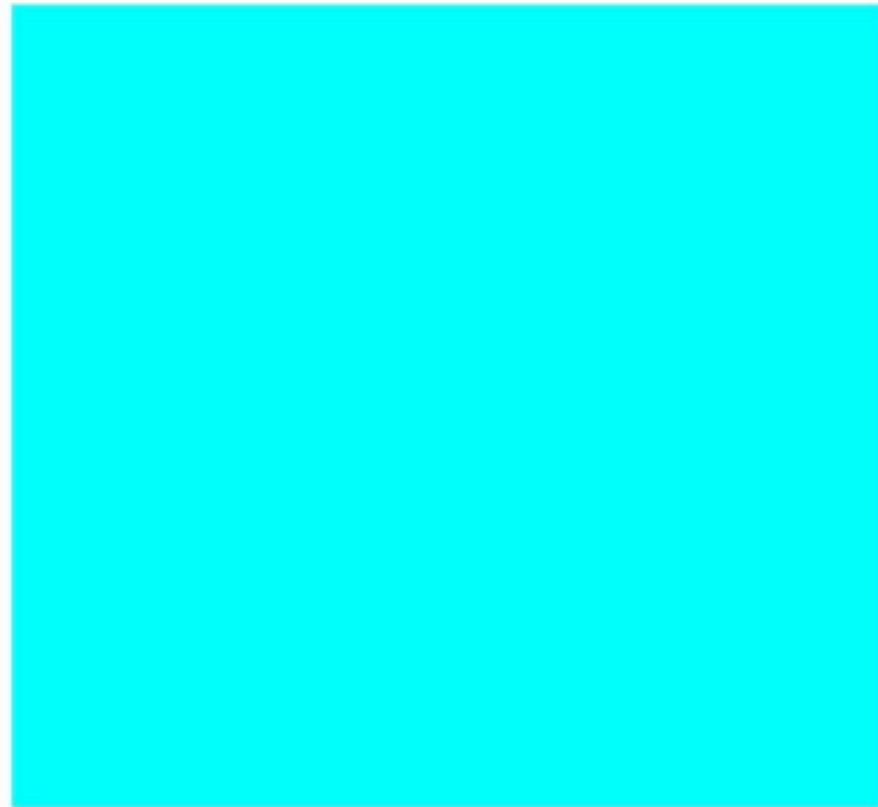
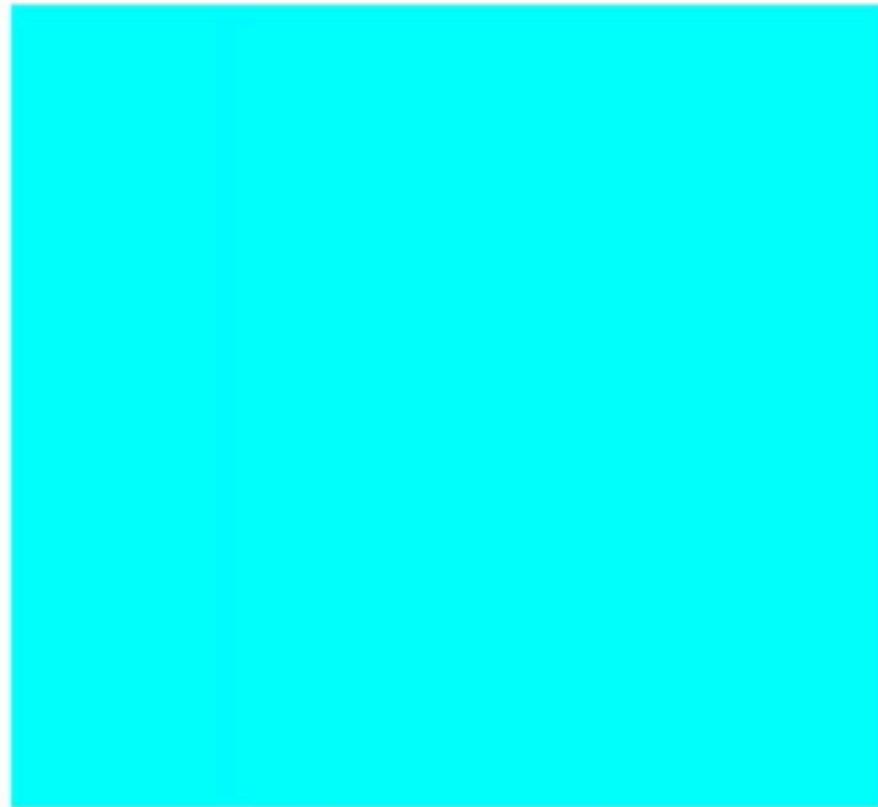
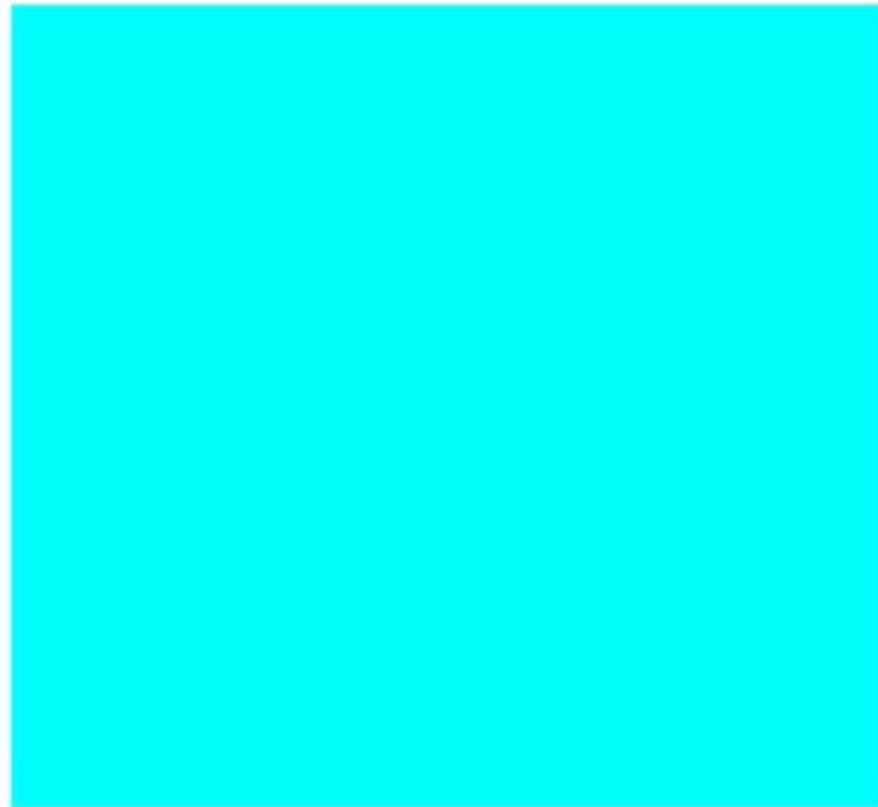
Fluid horizontally

Fluid vertically

Set width & height + Object Fit

Columns

Responsive Web Design
everything shrinks and
grows at the same rate



%

fixed

%

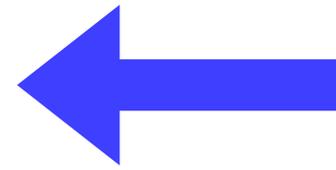
FR units

minmax()

auto

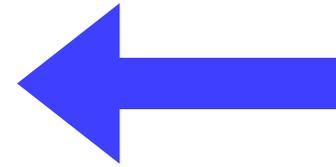
min-content sizing

**This is a sentence
with words.**



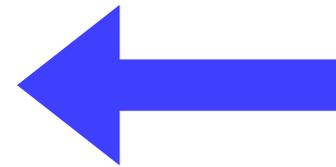
**wrapped content,
shaped by container**

This is a sentence with words.



max-content

**This is a
sentence
with
words.**



min-content

This is a
sentence
with
words.



Set width in percent — 25%
creates overflow



**CSS is
awesome**

CSS is
awesome



lfr track

`1fr = minmax(min-content, 1fr)`

can instead use `minmax(0, 1fr)`

1fr	1fr	1fr	1fr
One	Two	Three	Four
			
<p>Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam.</p>	<p>Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam.</p>	<p>Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam.</p>	<p>Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam.</p>

1fr

One



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus

2fr

Two



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

4fr

Three



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

6fr

Four



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

1fr

One



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

1fr

Two



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

minmax(250px, 600px)

Three



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

1fr

Four



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

200px

One



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

1fr

Two



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

minmax(300px, 600px)

Three



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

1fr

Four



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

200px

One



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

auto

Two



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

minmax(300px, 600px)

Three



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a urna metus. Vivamus ac euismod ante. Vivamus ut risus porttitor, porttitor ligula a, maximus risus. Donec maximus vulputate mauris, vel placerat diam interdum.

1fr

Four



Nullam pellentesquenec bibendum hendrerit augue, sed tempus odio sagittis nec. Ut ipsum lorem, scelerisque ac vestibulum et, tincidunt eget urna. Phasellus urna id elementum. Maecenas a

fixed

%

FR units

minmax()

auto

Rows

lfr

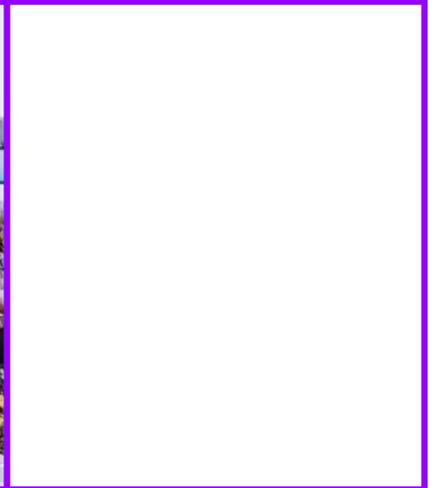
minmax(θ , $4\theta_{ch}$)

lfr

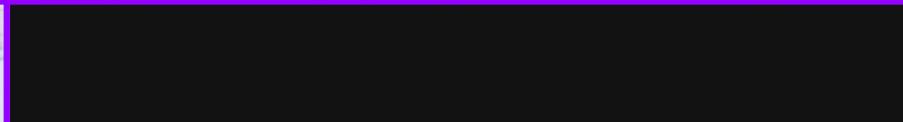
$2\theta_{\%}$



$2fr$



auto

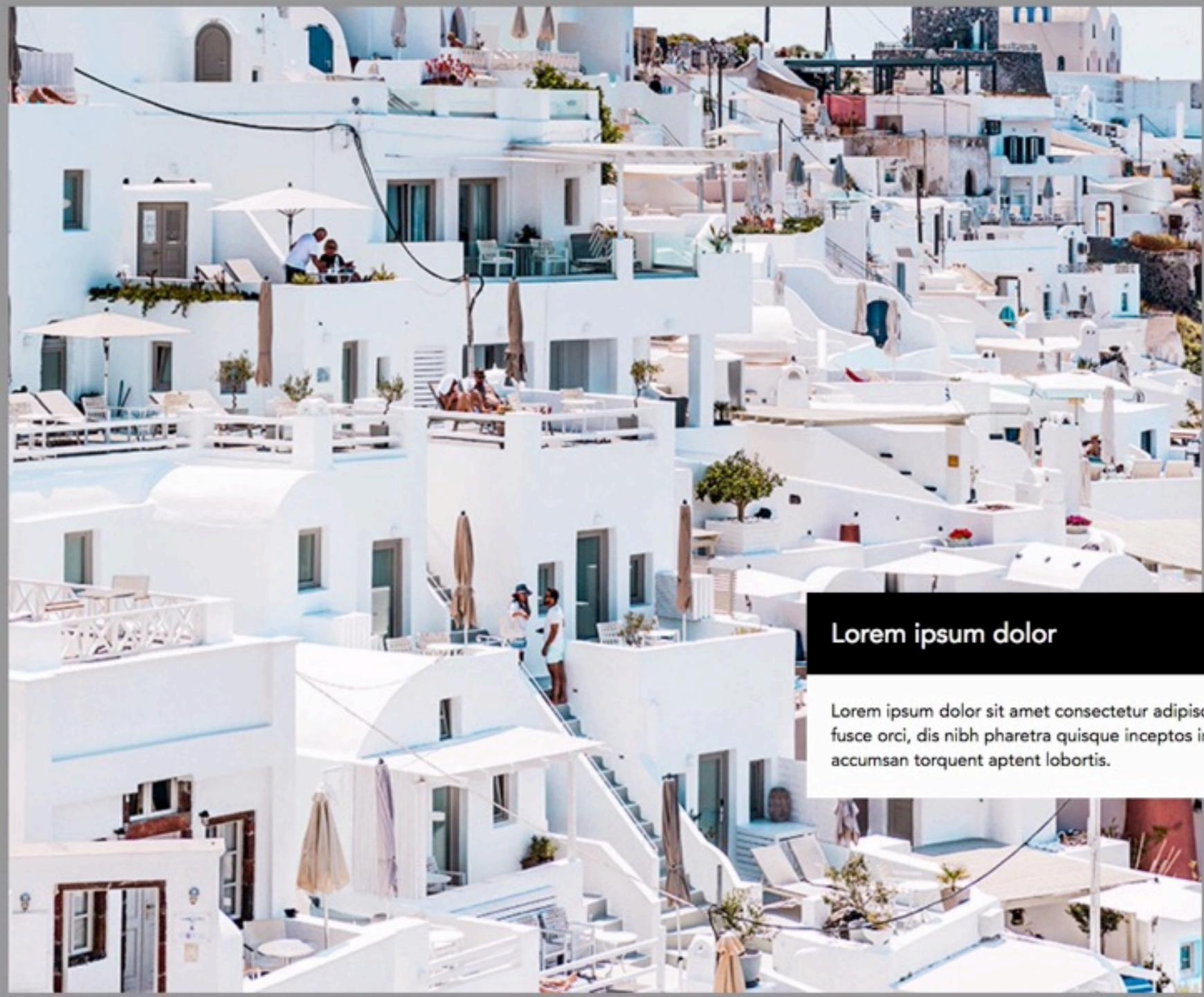


auto



lfr





Lorem ipsum dolor

Lorem ipsum dolor sit amet consectetur adipiscing, elit inceptos nunc et litora, cras class id morbi viverra. Leo in hac vel sed molestie fringilla fusce orci, dis nibh pharetra quisque inceptos interdum tortor, porta parturient varius magna curae feugiat vestibulum egestas, suscipit facilisi accumsan torquent aptent lobortis.

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Creating Flexibility Models with CSS Grid PLAY ALL

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CSS Grid Basics PLAY ALL

Easy Layouts with CSS Grid 9:02
Incredibly Easy Layouts with

Grid Basics 15:25
Basics of CSS Grid: The Big

Flexbox & Grid 8:53
Flexbox + Grid Together =

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2. New Possibilities for Flexibility

Programming Flexibility Model

PAINTING

DIGITAL REPRESENTATION

PRINTED ITEM

YOUR SUGGESTIONS IN CSS

BROWSER, USER, CONDITIONS

WEB PAGE

LAYOUT ALGORITHM

YOUR SUGGESTIONS IN CSS

BROWSER, USER, CONDITIONS

WEB PAGE

Programming Flexibility Model

3.

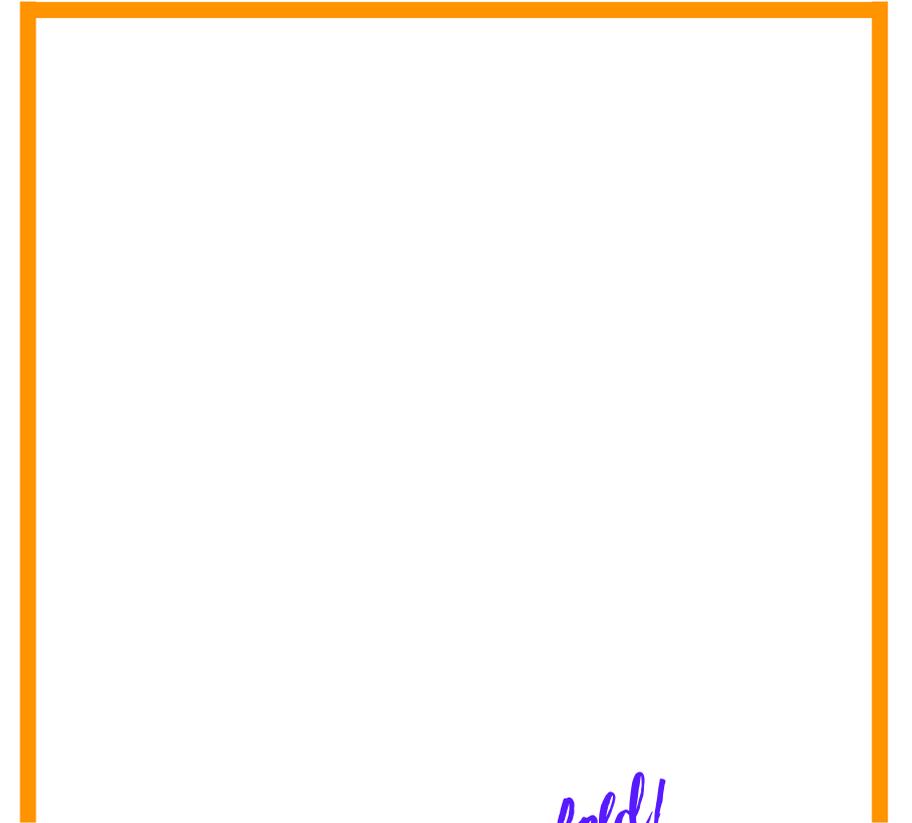
3. Change in how we use the Viewport



Fluid

Fixed

Responsive



there is no fold!

Intrinsic



vertical centering
vertical viewport units
rows



MICHAEL POLLAN

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3fr

$\text{minmax}(100\text{px}, 350\text{px})$

auto

auto

1fr



Creating Flexibility Models with CSS Grid [PLAY ALL](#)

min-content max-content 7:42
fr units 8:22
minmax() 4:37

Min & Max Content Sizing in CSS Grid – 1/3 Flexibility
FR Units in CSS Grid – 2/3 Flexibility
MinMax in CSS Grid – 3/3 Flexibility

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Viewports [PLAY ALL](#)

Flexibility & The Fold 13:37
Designing for a Viewport 13:30
Viewport Units 5:10

Flexibility & The Fold – new possibilities with CSS Grid
Designing for A Viewport
Introduction to Viewport Units

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Creative Demos [PLAY ALL](#)

Innovative Graphic Design 14:20
Responsive Mondrian 13:27
Grid like you're Jan Tschichold 13:51

Innovative & Practical Graphic Design with CSS Grid
Responsive Mondrian – a demo of CSS Grid
CSS Grid like you are Jan Tschichold

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11K views · 5 months ago
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Other Amazing New CSS [PLAY ALL](#)

CSS Shapes 8:38
Clip Path 3:53
Initial Letter 7:07
Object Fit 5:06

Obliterate Boxiness with CSS Shapes
Use Clip Path to Vary Your Designs on the Web
Drop Caps on the Web Using Initial Letter
Cropping images with Object Fit

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3. Change in how we use the Viewport

3. Programming to all four edges of the Viewport

Intrinsic Web Design

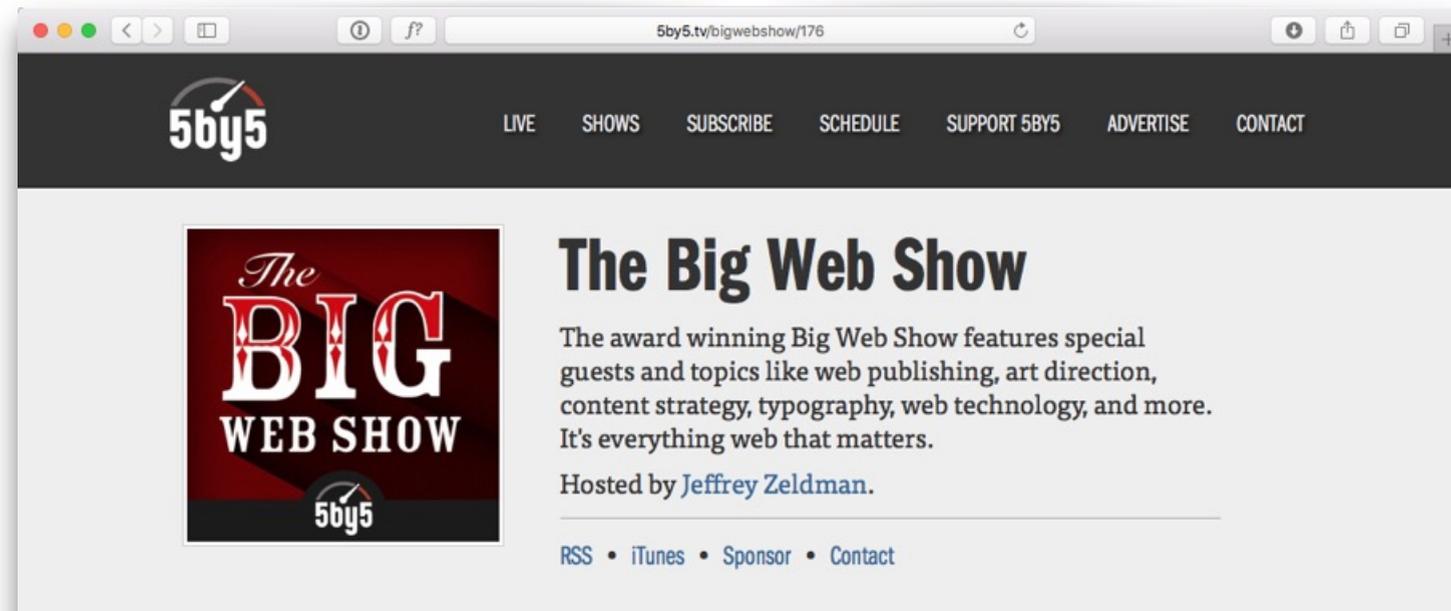
We need art!



It's the web!



THE BIG WEB SHOW #176



The screenshot shows the 5by5 website with a navigation bar containing 'LIVE', 'SHOWS', 'SUBSCRIBE', 'SCHEDULE', 'SUPPORT 5BY5', 'ADVERTISE', and 'CONTACT'. The main content area features a large red and white logo for 'The BIG WEB SHOW' on the left. To its right, the text reads: 'The Big Web Show', 'The award winning Big Web Show features special guests and topics like web publishing, art direction, content strategy, typography, web technology, and more. It's everything web that matters.', and 'Hosted by Jeffrey Zeldman.' Below this is a list of links: 'RSS • iTunes • Sponsor • Contact'.

ZELDMAN.COM



The screenshot shows the zeldman.com website with a navigation bar containing 'zeldman.com', 'ISSN No. 1534-0399. Made in New York City', and 'Web design news & information since 1995'. The main content area features a date and time: '2 May 2018 10am America/New_York'. Below this is a large heading: 'TRANSCRIPT: INTRINSIC WEB DESIGN WITH JEN SIMMONS (THE BIG WEB SHOW)'. To the left of the text is a red and white logo for 'The BIG WEB SHOW'. To the right, the text reads: 'The following is a transcript of The Big Web Show Episode No 176: Intrinsic Web Design with Jen Simmons.' Below this is a quote from Jeffrey Zeldman: 'Jeffrey Zeldman: Hello, and welcome to the Big Web Show, everything web that matters. I'm Jeffrey Zeldman, your host, and my guest today is the amazing, the incredible Jen Simmons. Hi, Jen.' Below that is a quote from Jen Simmons: 'Jen Simmons: Hi, Jeffrey. I'm so excited. I haven't been on a podcast in such a long time. I actually have missed it so much, so thank you for having me.' Below that is a quote from Jeffrey Zeldman: 'Jeffrey Zeldman: It's fun. It's my pleasure. Thank you for coming on the show. Jen, if you don't know, is a designer advocate at Mozilla. She's the creator of the Firefox Grid Inspector, which someone on Twitter today said was probably not the Dreamweaver or the Macaw, but was like, part of that ... We used to talk, "Is web design ever going to be done visually and not by coders?" and said, "No, it couldn't be," and so this might be the start of it. This person was saying that there's this ... It wasn't the Grid Inspector, it was the silhouette, the curve-

[← Previous Episode](#)

176: Intrinsic Web Design with Jen Simmons

April 27, 2018 at 4:00PM • 1 hour 9 minutes • [Wiki Entry](#)

Jen Simmons—Designer Advocate at Mozilla, creator of Firefox Grid Inspector, host of Layout Land and The Web Ahead, member of the CSS Working Group, coiner of Intrinsic Web Design, and general force of nature—is Jeffrey Zeldman's guest.

Everything we thought we knew about web design just changed. Making sites that sing. Designing with the viewport in mind. A time-based storytelling journey. Real whitespace on the web. Real designer/developer tools: the Shapes Editor, Grid Inspector, and next-generation fonts panel in Firefox.

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HTML Source Order and When There's No CSS
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Flexbox + Grid Together = Easy Gallery Layout
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Grid Basics
 15:25

Basics of CSS Grid: The Big Picture

CSS Shapes
 8:38

Obliterate Boxiness with CSS Shapes

Grid like you're Jan Tschichold
 13:51

CSS Grid like you are Jan Tschichold

Innovative Graphic Design
 14:20

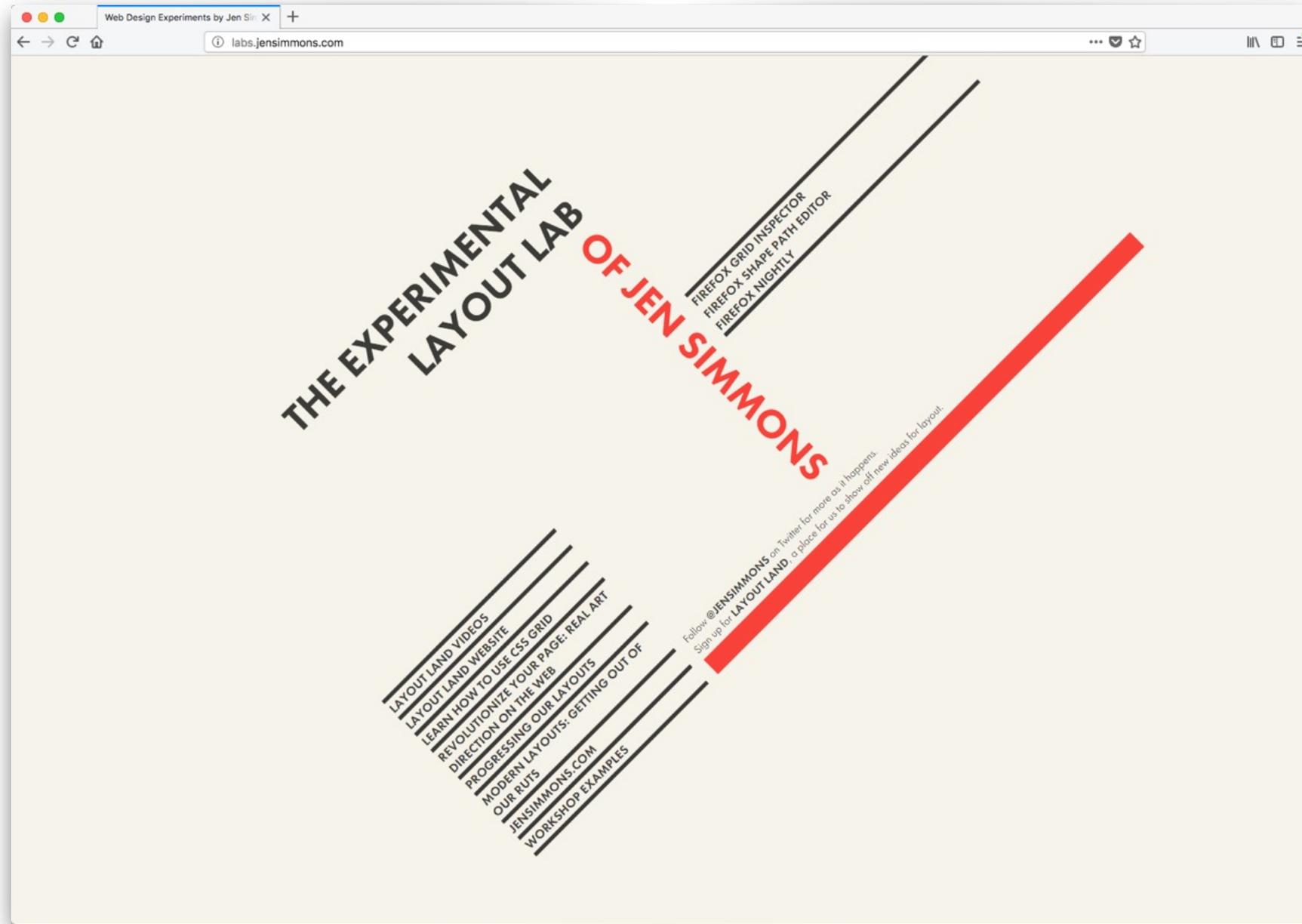
Innovative & Practical Graphic Design with CSS Grid

Flexbox vs CSS Grid
 4:18

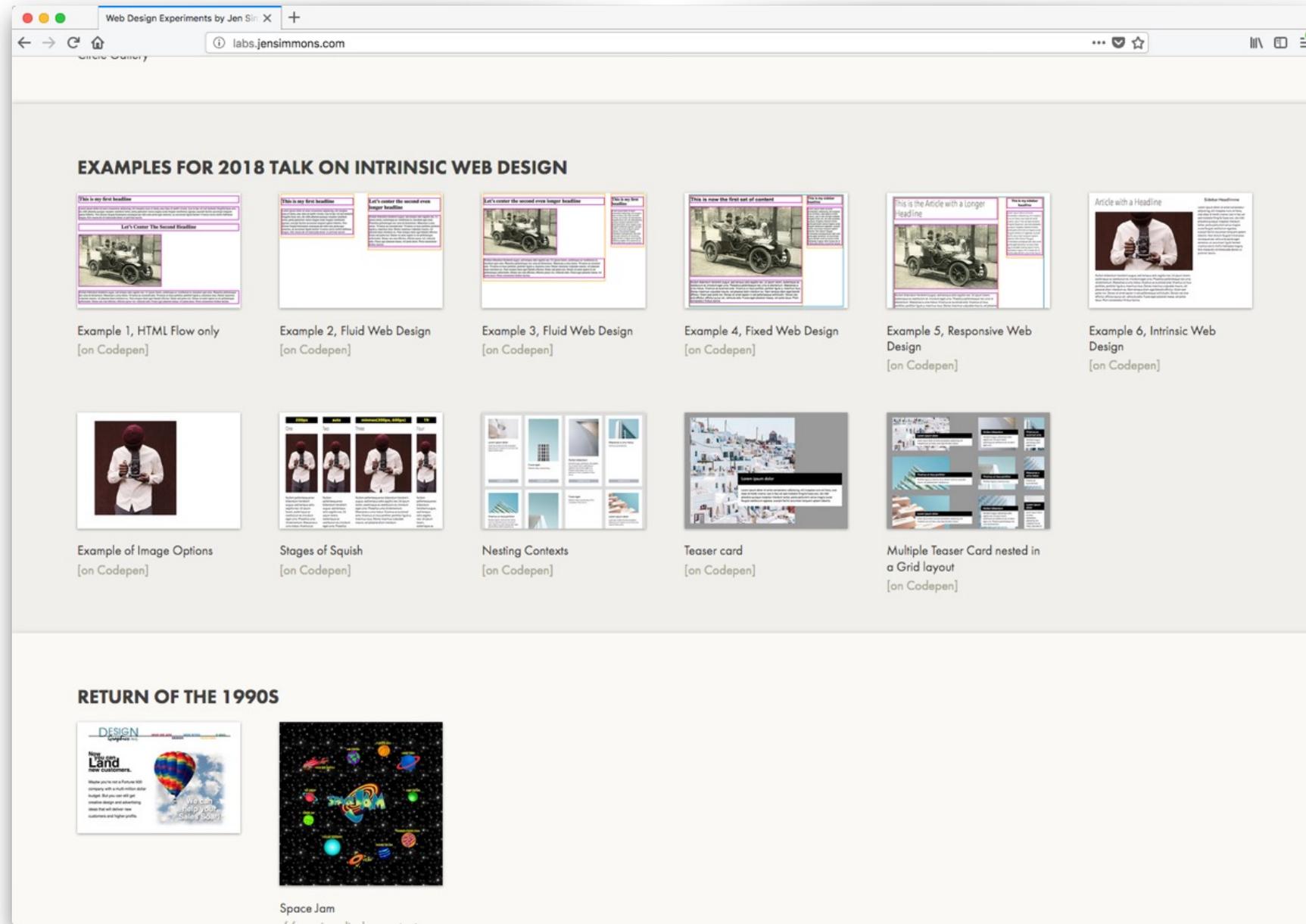
Flexbox vs. CSS Grid – Which is Better?

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