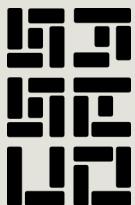


The Friction of Web Standards

```
#ux-special + .css-day h2 {  
    content: "Amsterdam, NL";}  
#ux-special + .css-day time {  
    content: "June 14 & 15, 2018";}
```





World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#) , [Policy](#) , November's [W3 news](#) , [Frequently Asked Questions](#) .

What's out there?

Pointers to the world's online information, [subjects](#) , [W3 servers](#), etc.

Help

on the browser you are using

Software Products

A list of W3 project components and their current state. (e.g. [Line Mode](#) ,[X11 Viola](#) ,[NeXTStep](#) ,[Servers](#) ,[Tools](#) ,[Mail robot](#) ,
[Library](#))

Technical

Details of protocols, formats, program internals etc

Bibliography

Paper documentation on W3 and references.

People

A list of some people involved in the project.

History

A summary of the history of the project.

How can I help ?

If you would like to support the web..

Getting code

Getting the code by [anonymous FTP](#) , etc.

The Friction of Web Standards



N C S A

MOSAIC

X Window System • Microsoft Windows • Macintosh

Welcome to NCSA Mosaic, an Internet information browser and World Wide Web client. NCSA Mosaic was developed at the National Center for Supercomputing Applications at the University of Illinois in --> Urbana-Champaign. NCSA Mosaic software is copyrighted by The Board of Trustees of the University of Illinois (UI), and ownership remains with the UI.

Jan '97

The Software Development Group at NCSA has worked on NCSA Mosaic for nearly four years and we've learned a lot in the process. We are honored that we were able to help bring this technology to the masses and appreciated all the support and feedback we have received in return. However, the time has come for us to concentrate our limited resources in other areas of interest and development on Mosaic is complete.

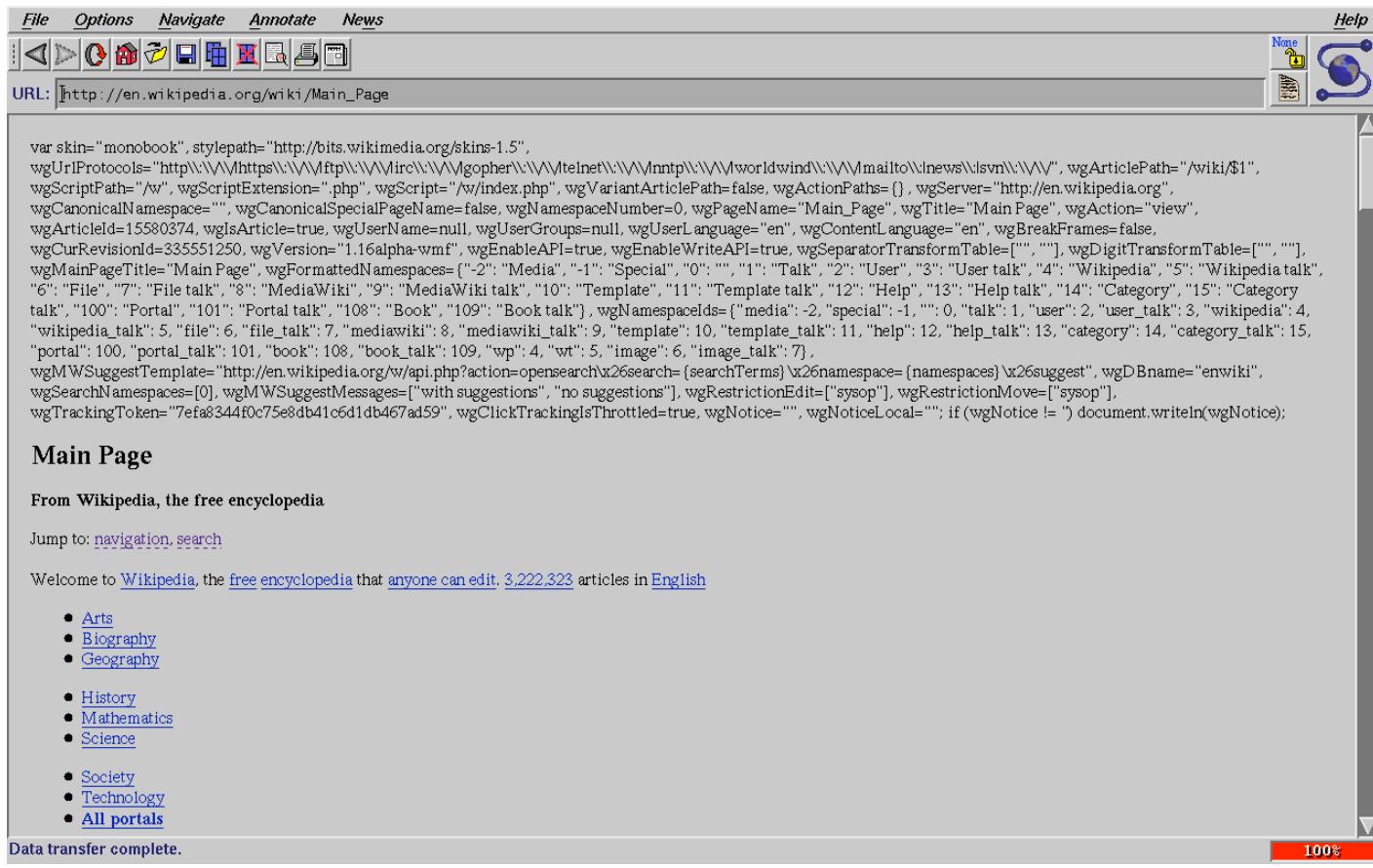
All information about the Mosaic project is available from the homepages.

NCSA Mosaic Platforms:

- NCSA Mosaic for the X Window System
- NCSA Mosaic for the Apple Macintosh
- NCSA Mosaic for Microsoft Windows

World Wide Web Resources The following resources are available to help introduce you to

The Friction of Web Standards





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“The Web *is the most hostile software engineering environment imaginable.*”

-Douglas Crockford



“The Web is the most hostile environment to developer assumptions imaginable.”

–Eric Meyer

The Friction of Web Standards

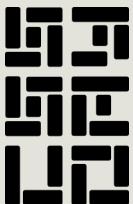


```
Filter Styles + .cl

blockquote { font-style: italic; font-size: 105%; } meyerweb.css:87
* { box-sizing: border-box; } meyerweb.css:24
blockquote, figure { display: block; margin-block-start: 1em; margin-block-end: 1em; margin-inline-start: 40px; margin-inline-end: 40px; } (user agent) html.css:138
address, article, aside, blockquote, body, caption, center, col, colgroup, dd, dir, div, dl, dt, fieldset, figcaption, figure, footer, form, h1, h2, h3, h4, h5, h6, header, hgroup, hr, html, legend, li, main, marquee, menu, nav, noframes, ol, p, plaintext, pre, section, summary, table, tbody, td, tfoot, th, thead, tr, ul, xmp { unicode-bidi: isolate; } (user agent) html.css:34
Inherited from body#www-meyerweb-com
body { font: 1em/1.375 Cambria Georgia Pro Georgia serif; } meyerweb.css:25
```

The Friction of Web Standards

```
Filter Styles + .cl  
blockquote {  
    font-style: italic;  
    font-size: 105%;  
}  
* {  
    box-sizing: border-box;  
}  
blockquote, figure {  
    display: block;  
    margin-block-start: 1em;  
    margin-block-end: 1em;  
    margin-inline-start: 40px;  
    margin-inline-end: 40px;  
}  
address, article, aside, blockquote, body, (user agent) html.css:34  
caption, center, col, colgroup, dd, dir,  
div, dl, dt, fieldset, figcaption, figure, footer, form, h1, h2,  
h3, h4, h5, h6, header, hgroup, hr, html, legend, li, listing,  
main, marquee, menu, nav, noframes, ol, p, plaintext, pre, section,  
summary, table, tbody, td, tfoot, th, thead, tr, ul, xmp {  
    unicode-bidi: isolate;  
}  
Inherited from body#www-meyerweb-com  
body {  
    font-size: 1em/1.375 Cambria Georgia Pro Georgia serif;  
}
```



```
/* 3 deep (or more) unordered lists use a square */
ol ol ul,      ol ul ul,      ol menu ul,      ol dir ul,
ol ol menu,    ol ul menu,    ol menu menu,    ol dir menu,
ol ol dir,     ol ul dir,     ol menu dir,     ol dir dir,
ul ol ul,      ul ul ul,      ul menu ul,      ul dir ul,
ul ol menu,    ul ul menu,    ul menu menu,    ul dir menu,
ul ol dir,     ul ul dir,     ul menu dir,     ul dir dir,
menu ol ul,    menu ul ul,    menu menu ul,    menu dir ul,
menu ol menu,  menu ul menu,  menu menu menu,  menu dir menu,
menu ol dir,   menu ul dir,   menu menu dir,   menu dir dir,
dir ol ul,     dir ul ul,     dir menu ul,     dir dir ul,
dir ol menu,   dir ul menu,   dir menu menu,   dir dir menu,
dir ol dir,    dir ul dir,    dir menu dir,    dir dir dir {
    list-style-type: square;
}
```

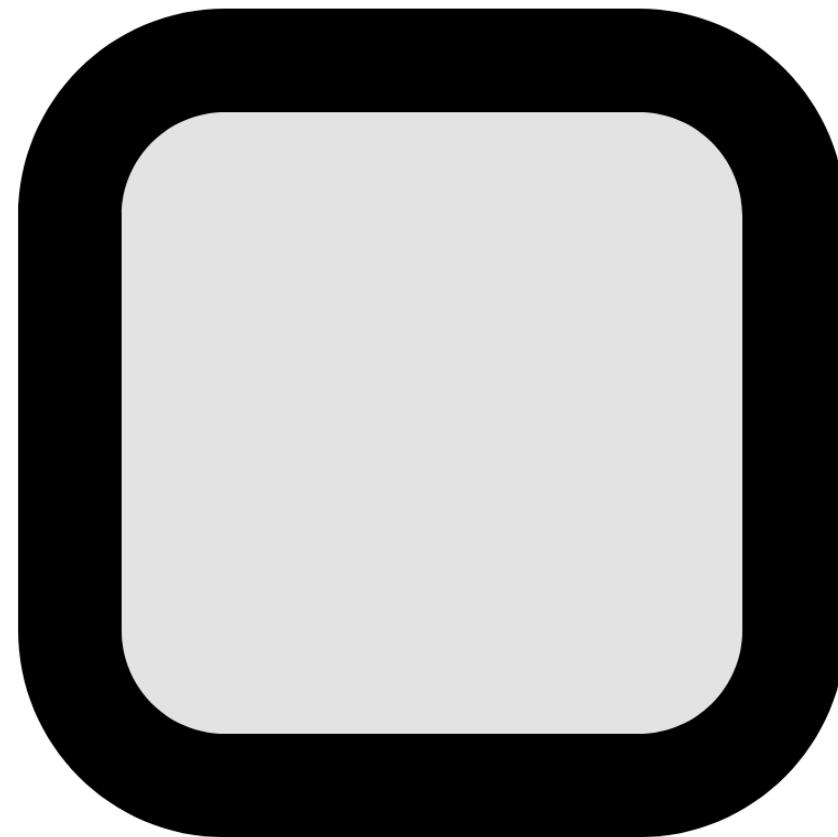


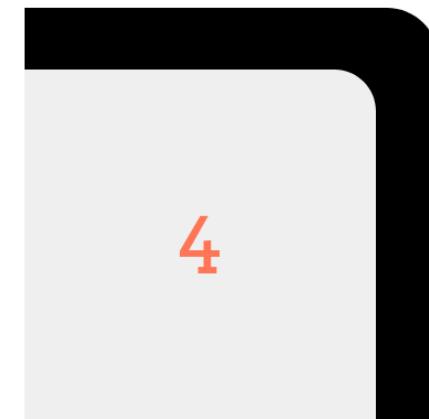
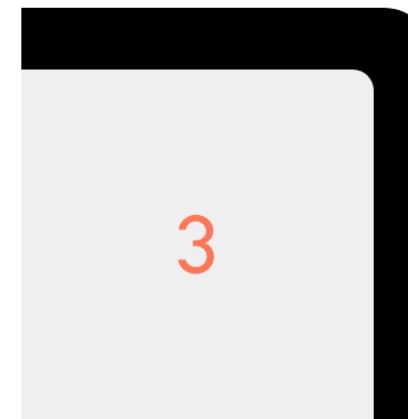
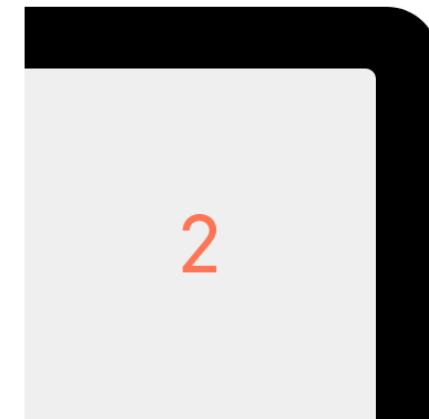
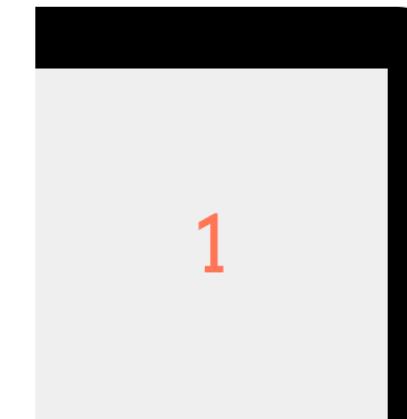
```
/* 3 deep (or more) unordered lists use a square */
:-moz-any(ol, ul, menu, dir) :-moz-any(ol, ul, menu, dir) ul,
:-moz-any(ol, ul, menu, dir) :-moz-any(ol, ul, menu, dir) menu,
:-moz-any(ol, ul, menu, dir) :-moz-any(ol, ul, menu, dir) dir {
    list-style-type: square;
}
```





The Friction of Web Standards







1

Michael symon ea nibh
the gold coast. James a.
garfield kenny lofton
magna elit, putamus
cedar point accumsan vel.
Habent parum cleveland
claritas.

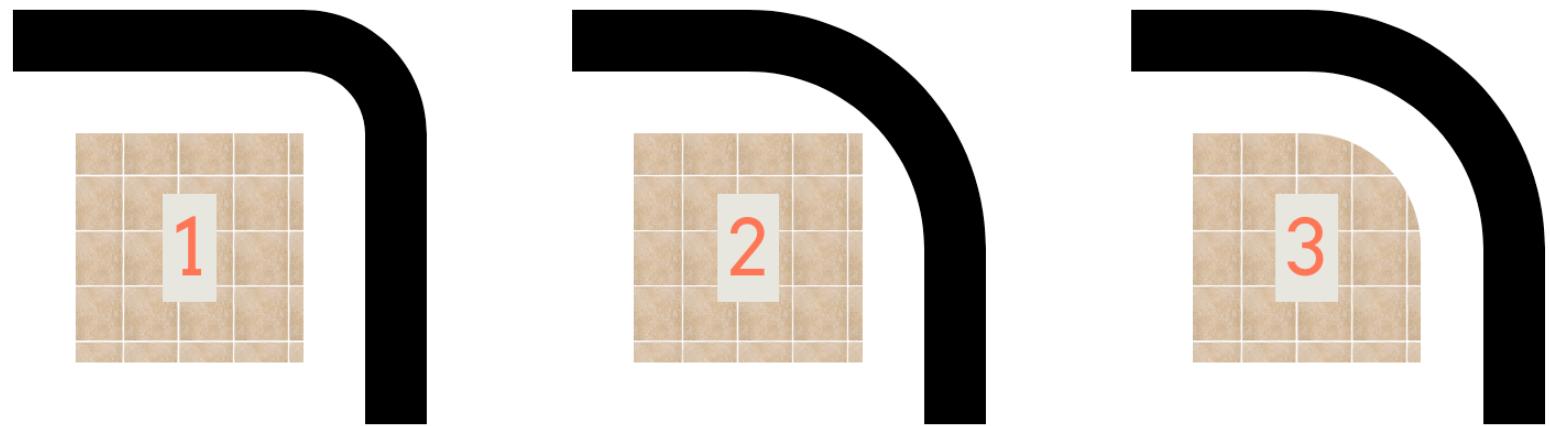
2

Michael
symon ea
nibh the gold
coast. James a.
garfield kenny
lofton magna elit,
putamus cedar point
accumsan vel. Habent
parum cleveland claritas.

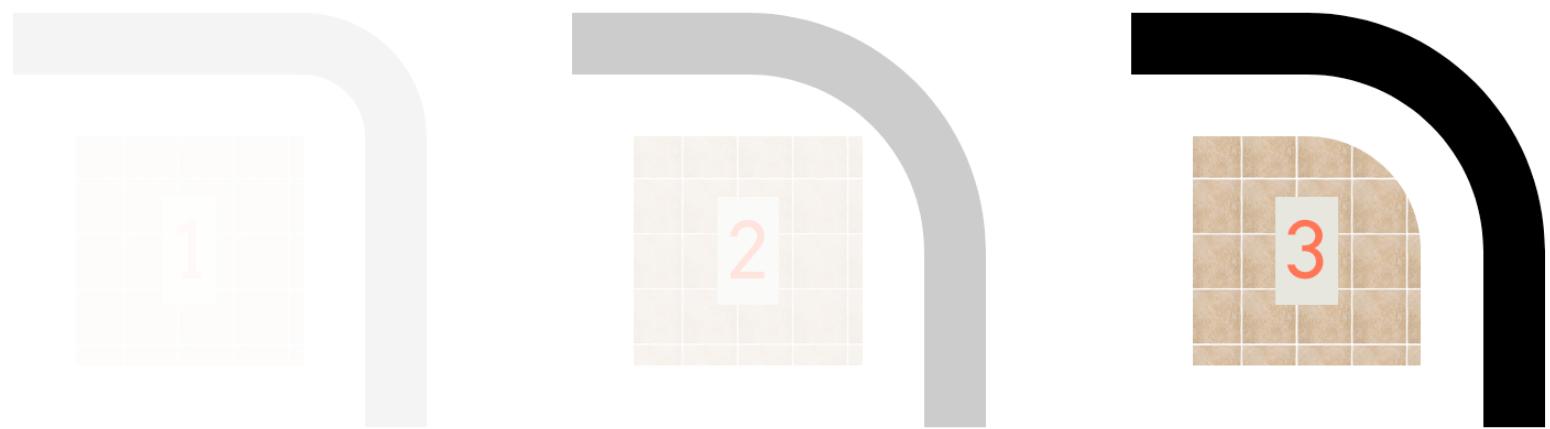


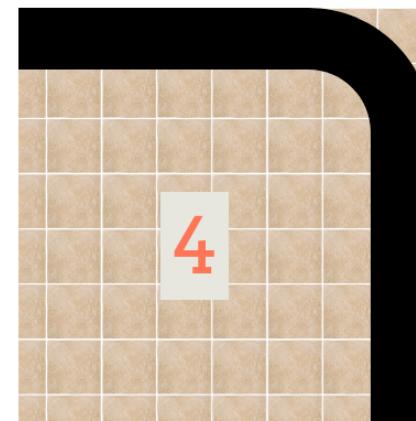
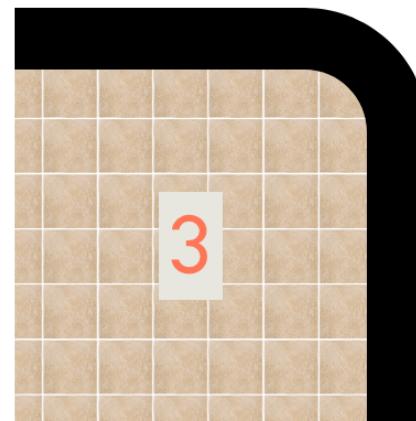
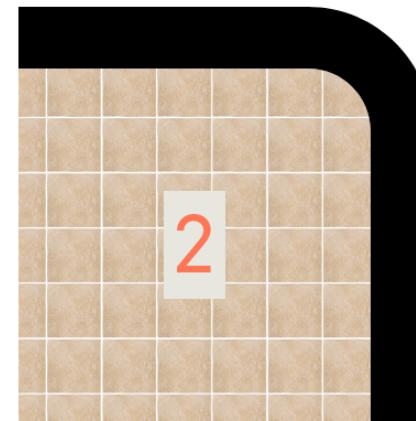
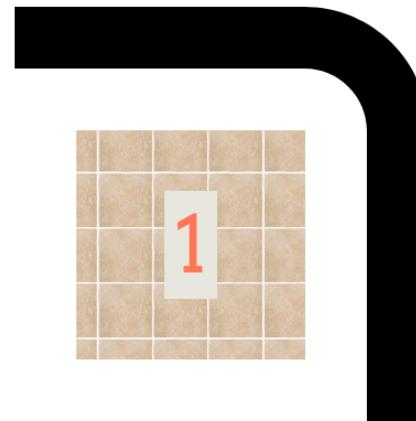
1 Michael symon ea nibh
the gold coast. James a.
garfield kenny lofton
magna elit, putamus
cedar point accumsan vel.
Habent parum cleveland
claritas.

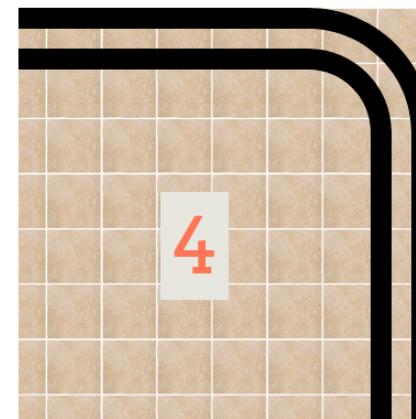
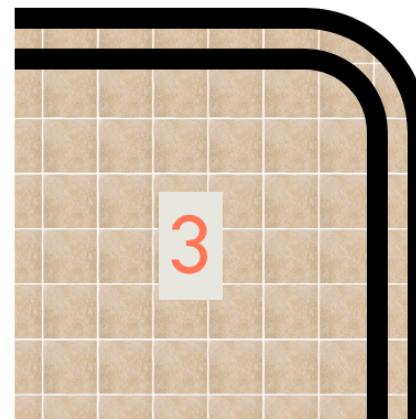
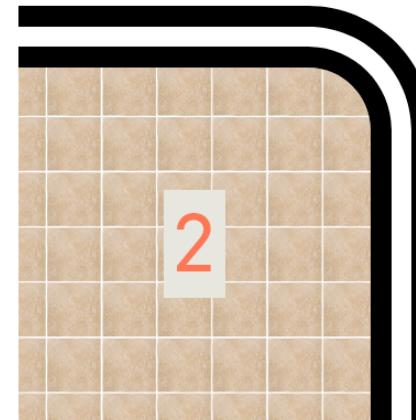
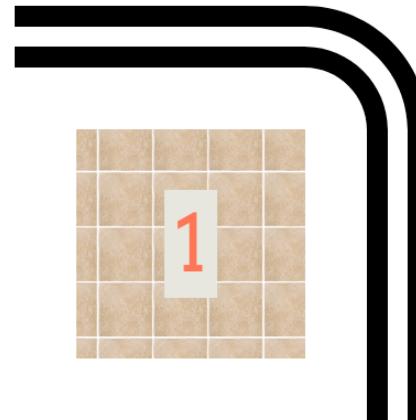
2 Michael
symon ea
nibh the gold
coast. James a.
garfield kenny
lofton magna elit,
putamus cedar point
accumsan vel. Habent
parum cleveland claritas.

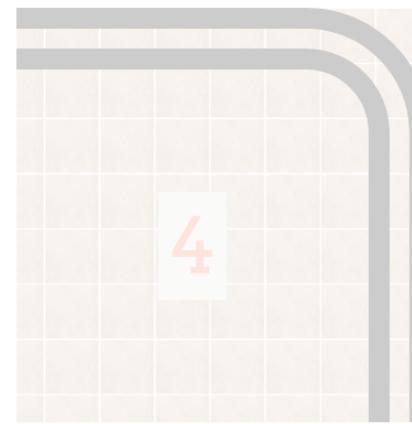
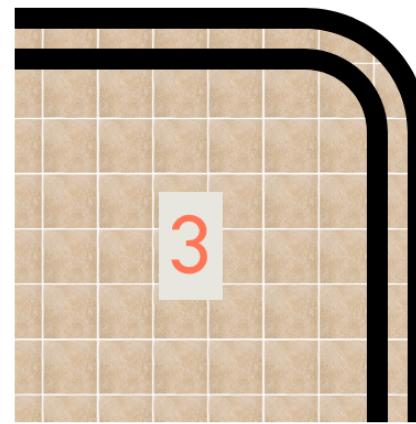
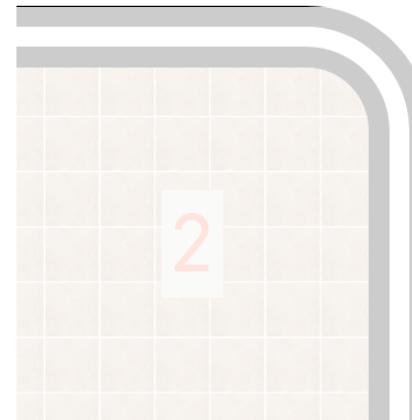
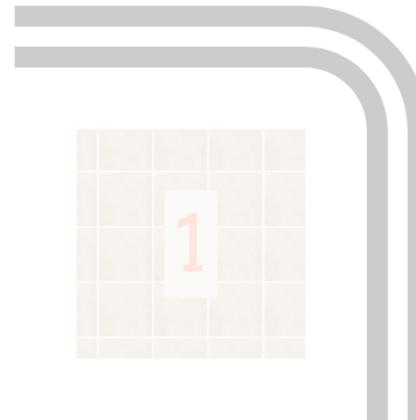


The Friction of Web Standards

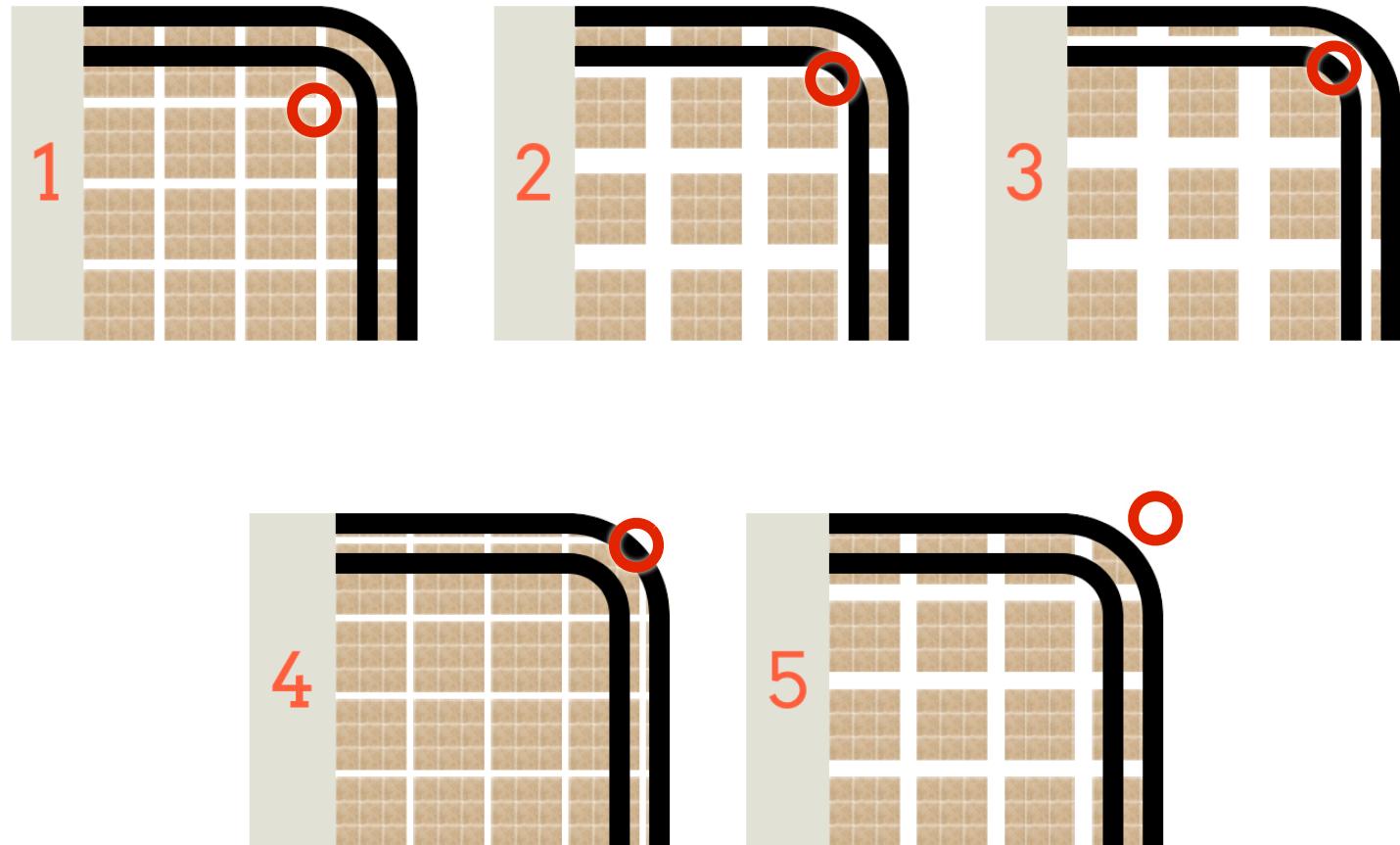




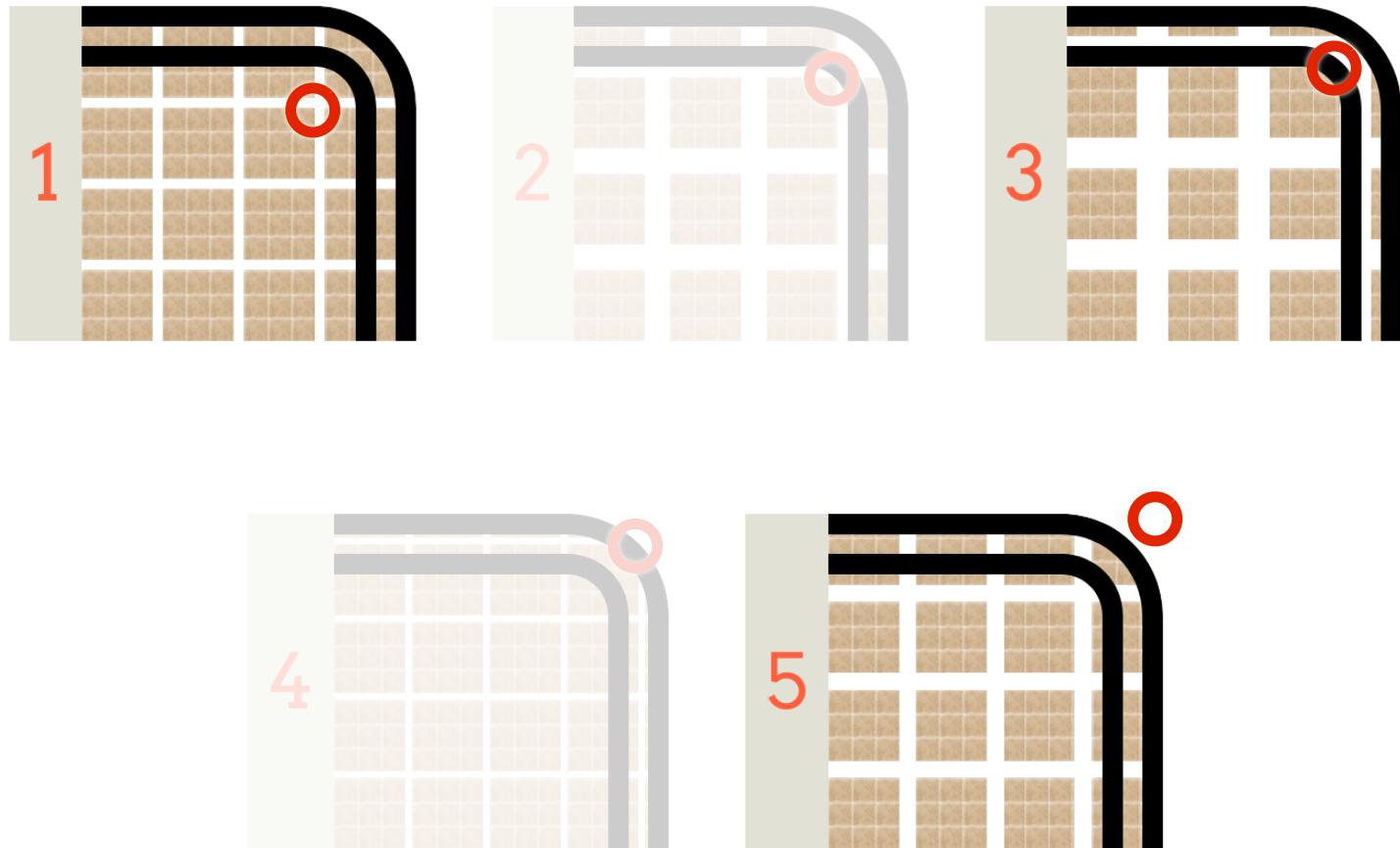
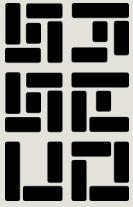


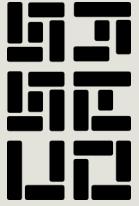


The Friction of Web Standards



The Friction of Web Standards

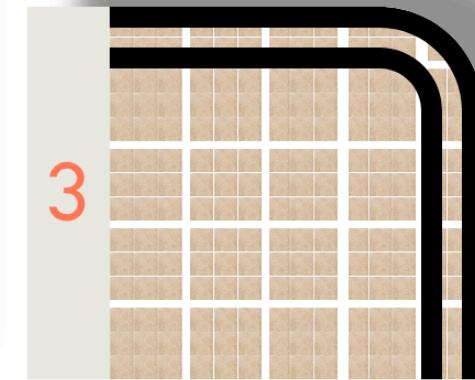
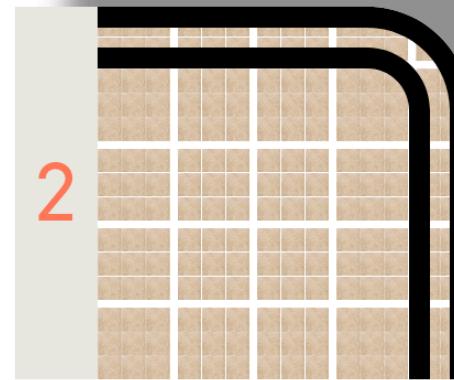
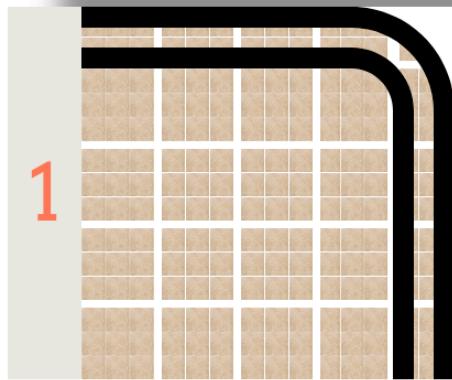


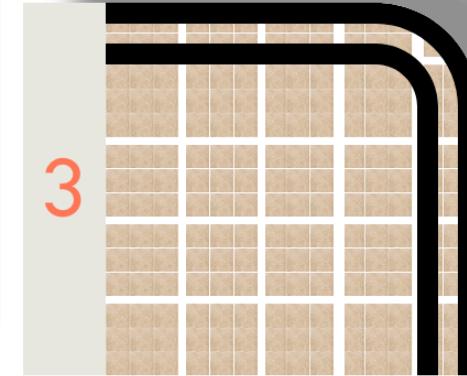
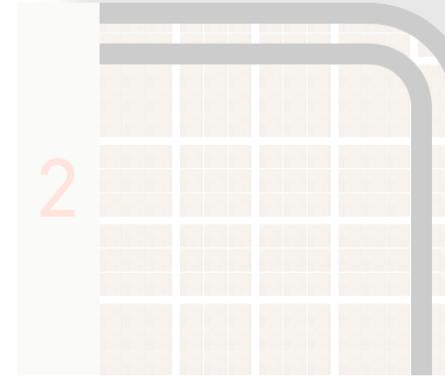
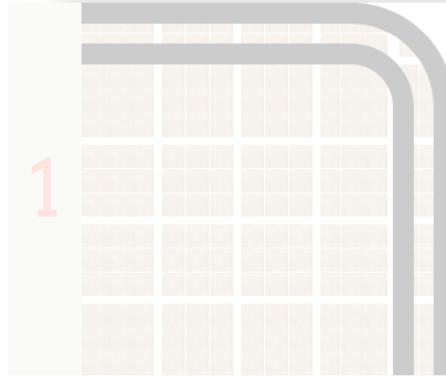


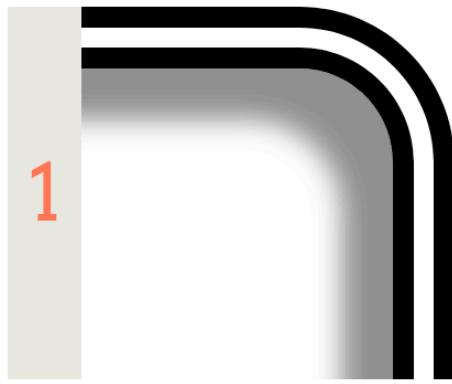
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2

3







1

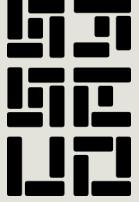


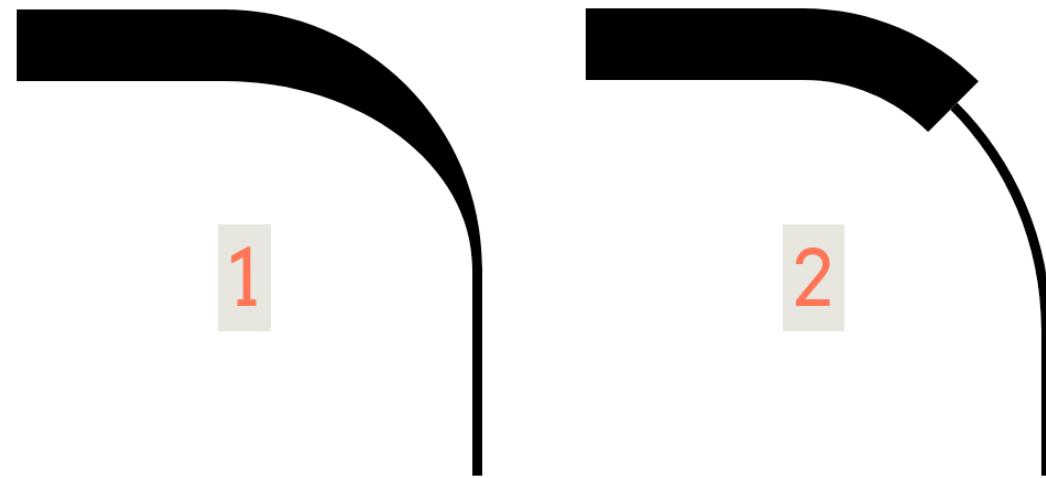
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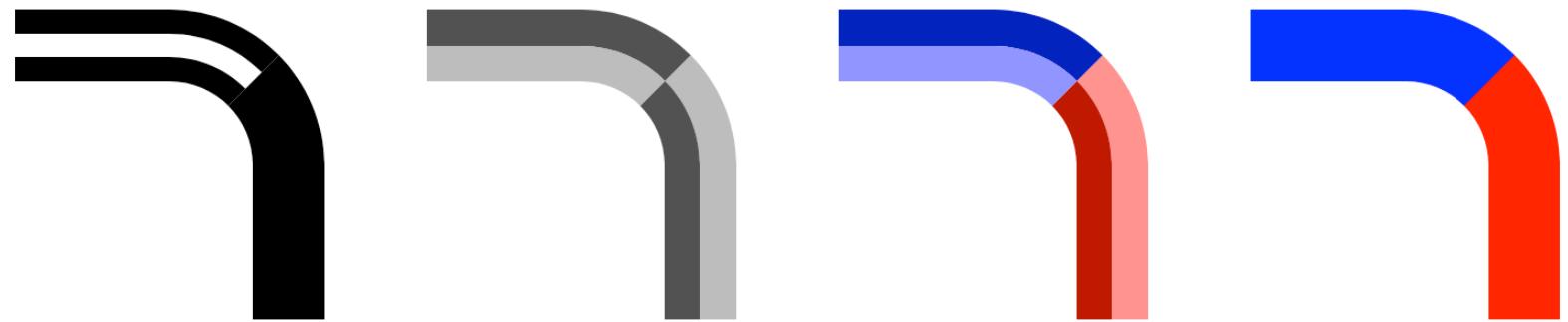
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The Friction of Web Standards

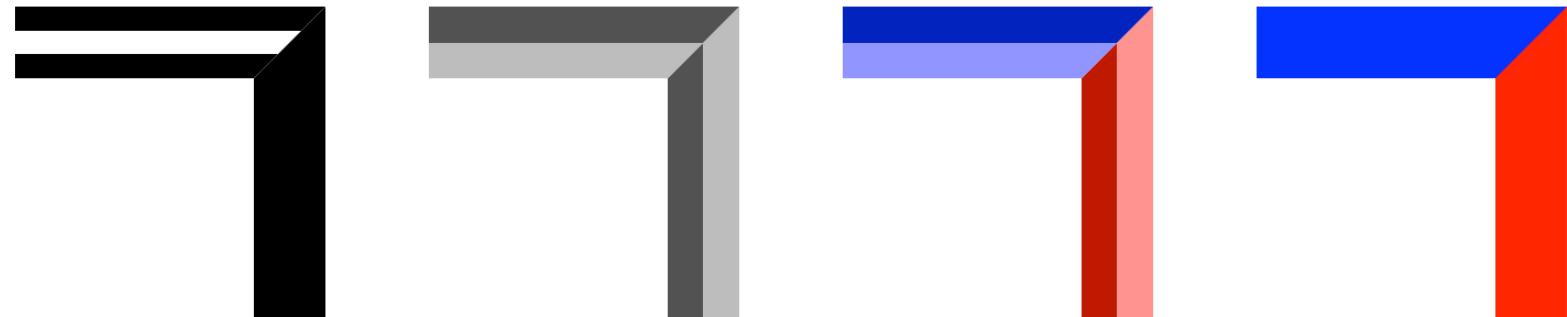




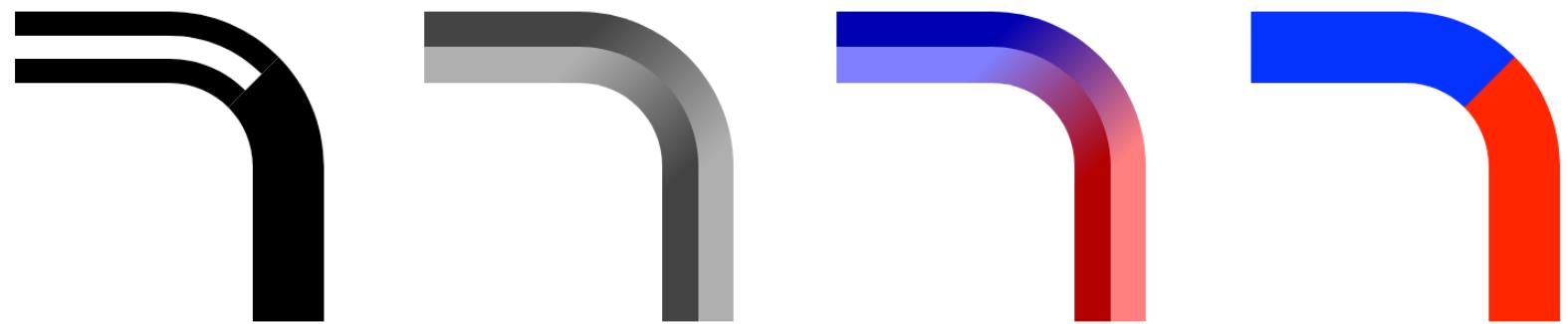
The Friction of Web Standards

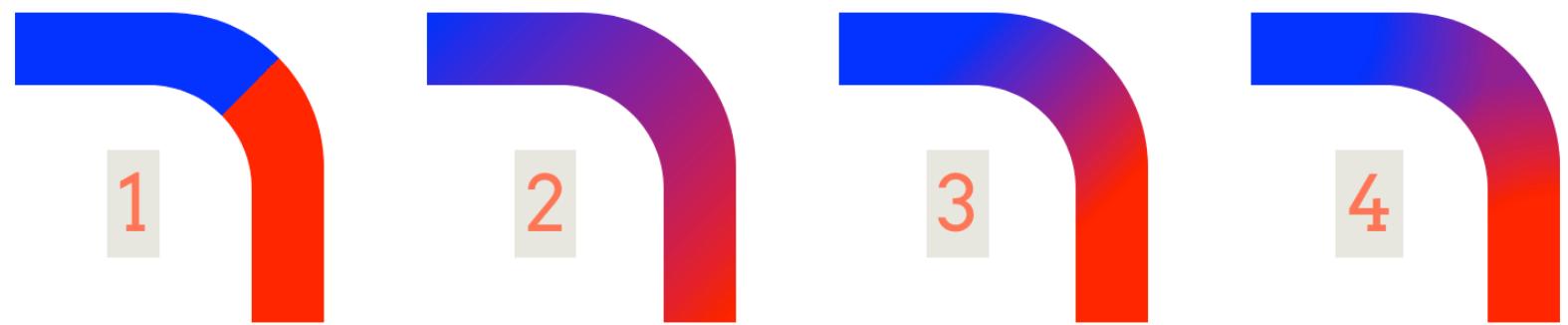


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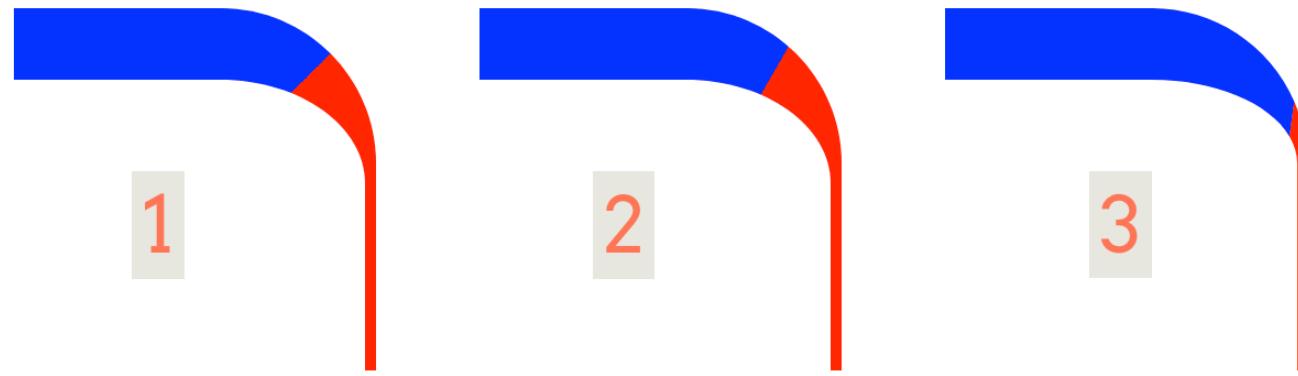


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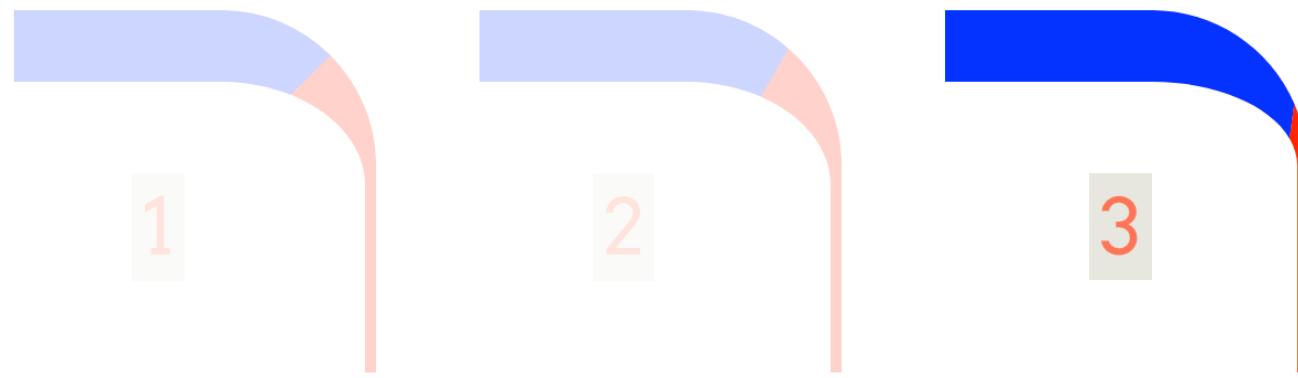






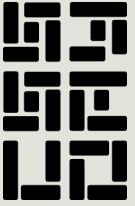


The Friction of Web Standards

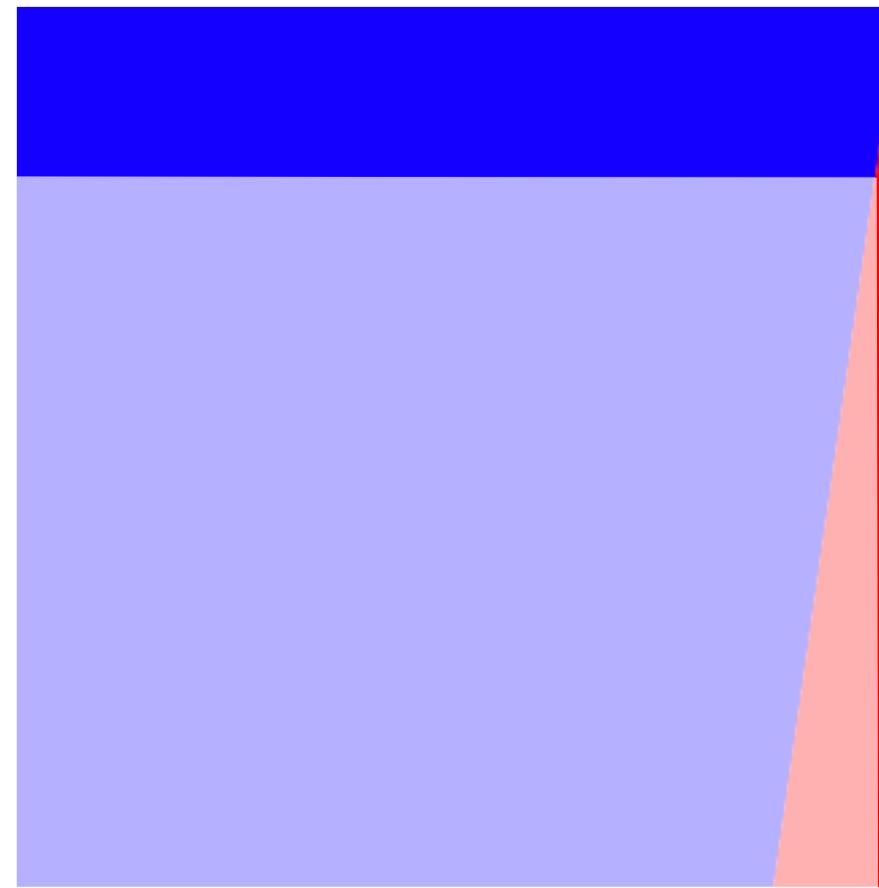


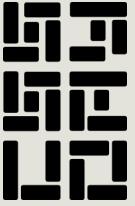
The Friction of Web Standards



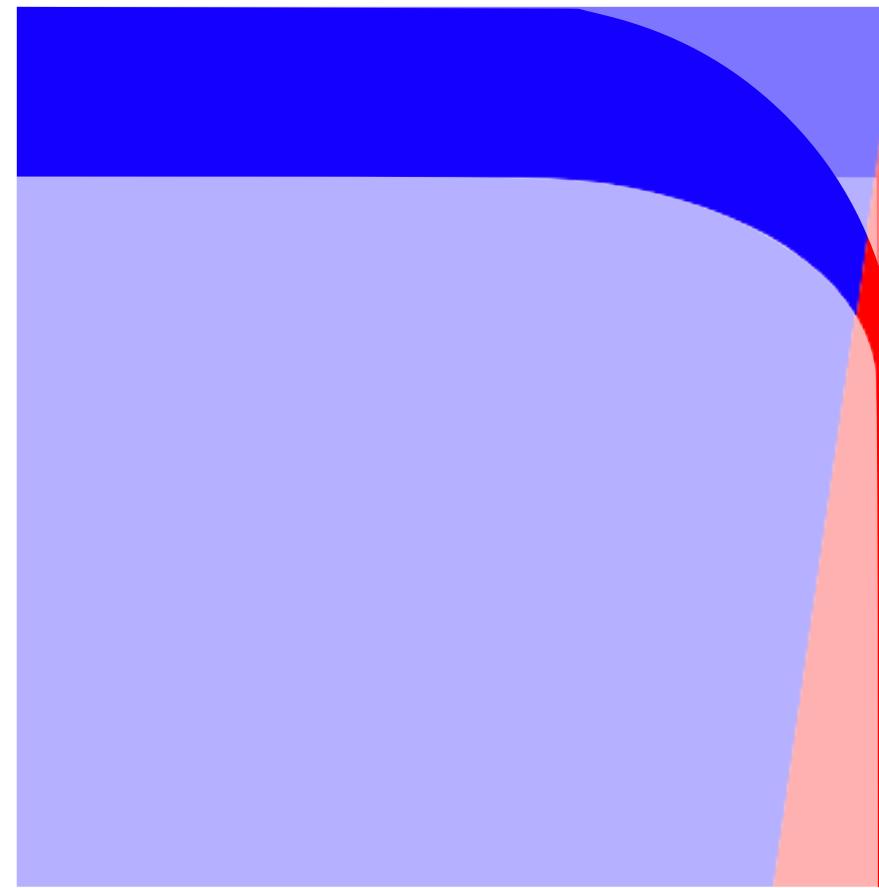


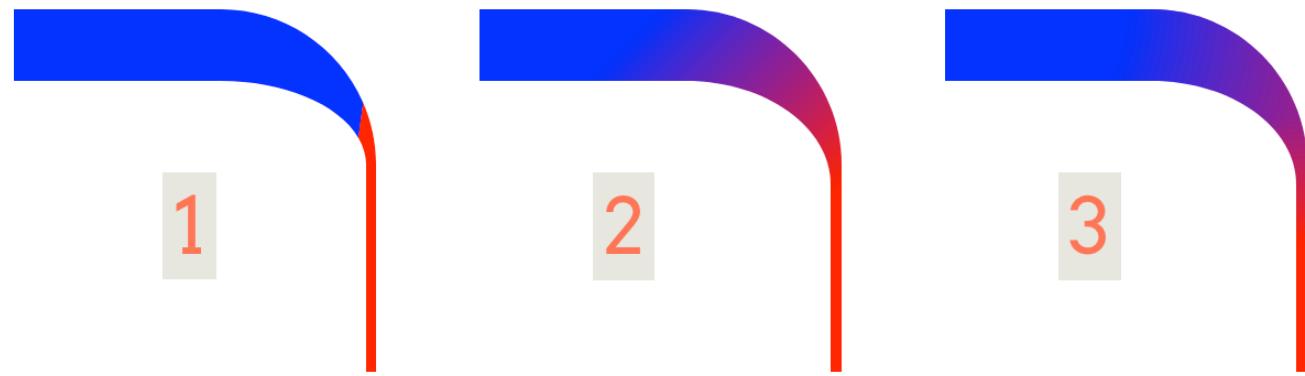
The Friction of Web Standards





The Friction of Web Standards



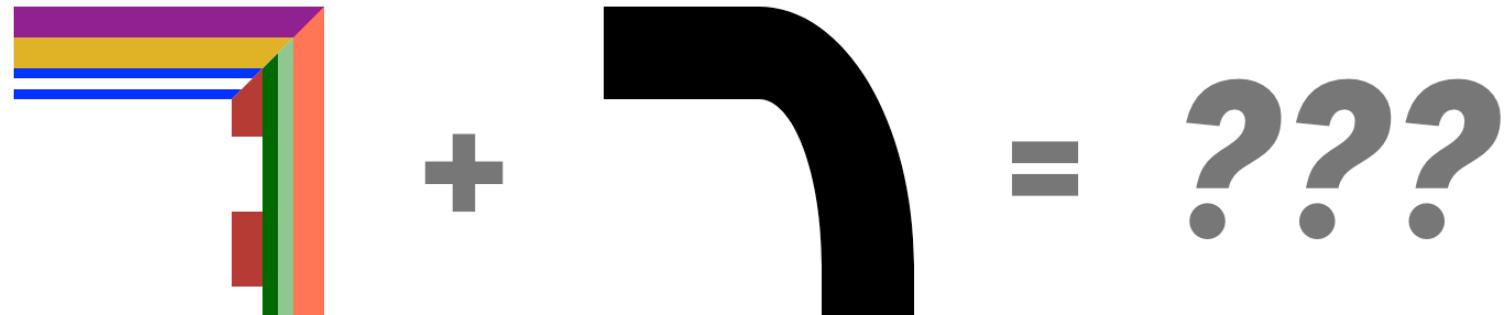




$$\begin{matrix} & & \text{+} & & = & \text{???} \\ \text{[4 brown blocks]} & & & \text{[large black arrow]} & & \end{matrix}$$



The Friction of Web Standards



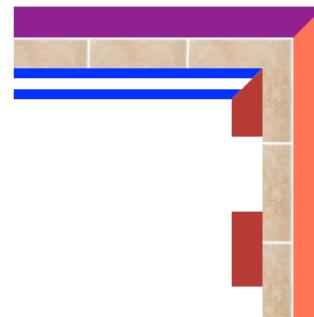


The Friction of Web Standards



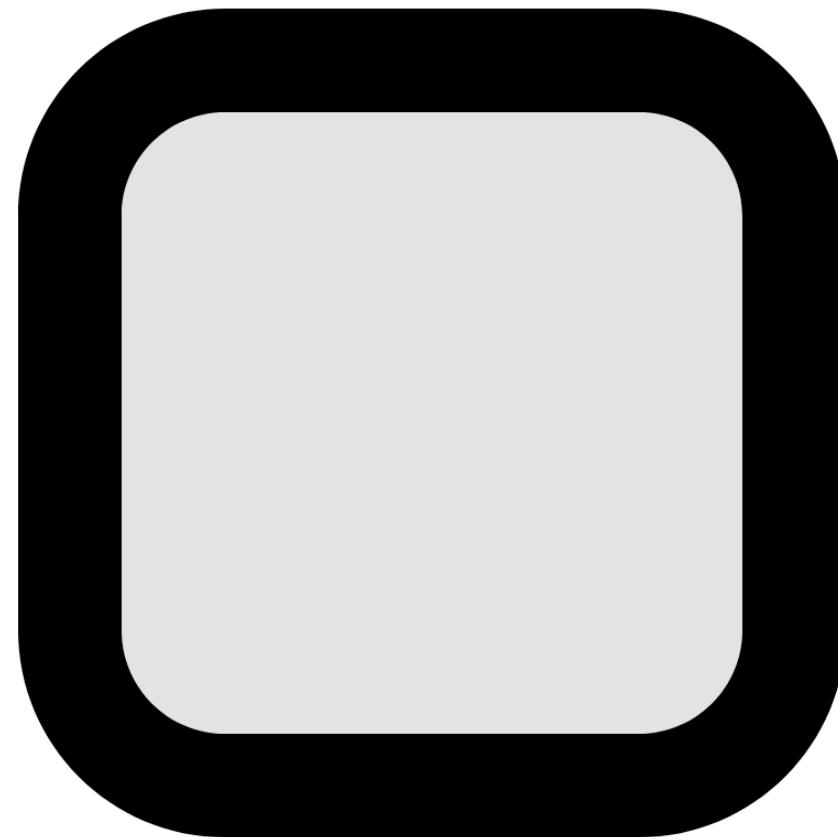


The Friction of Web Standards



?!*@%#

The Friction of Web Standards



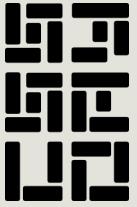
The Friction of Web Standards

CSS Day

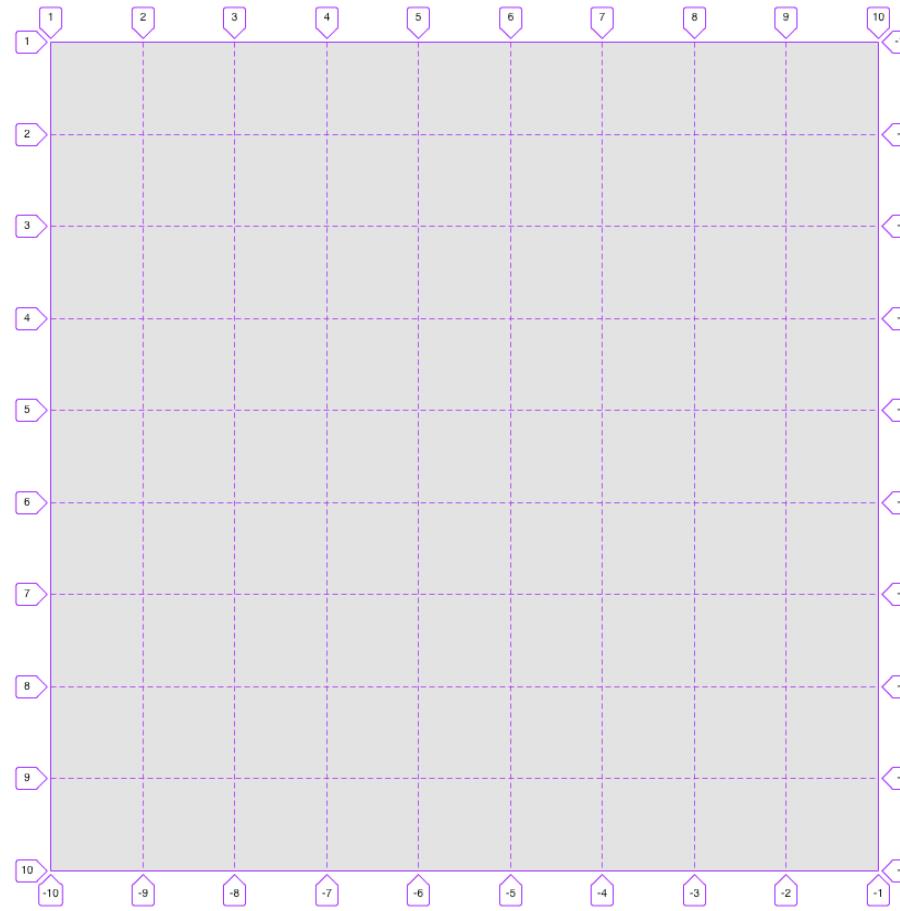


The Friction of Web Standards

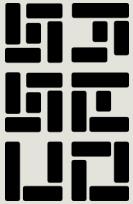
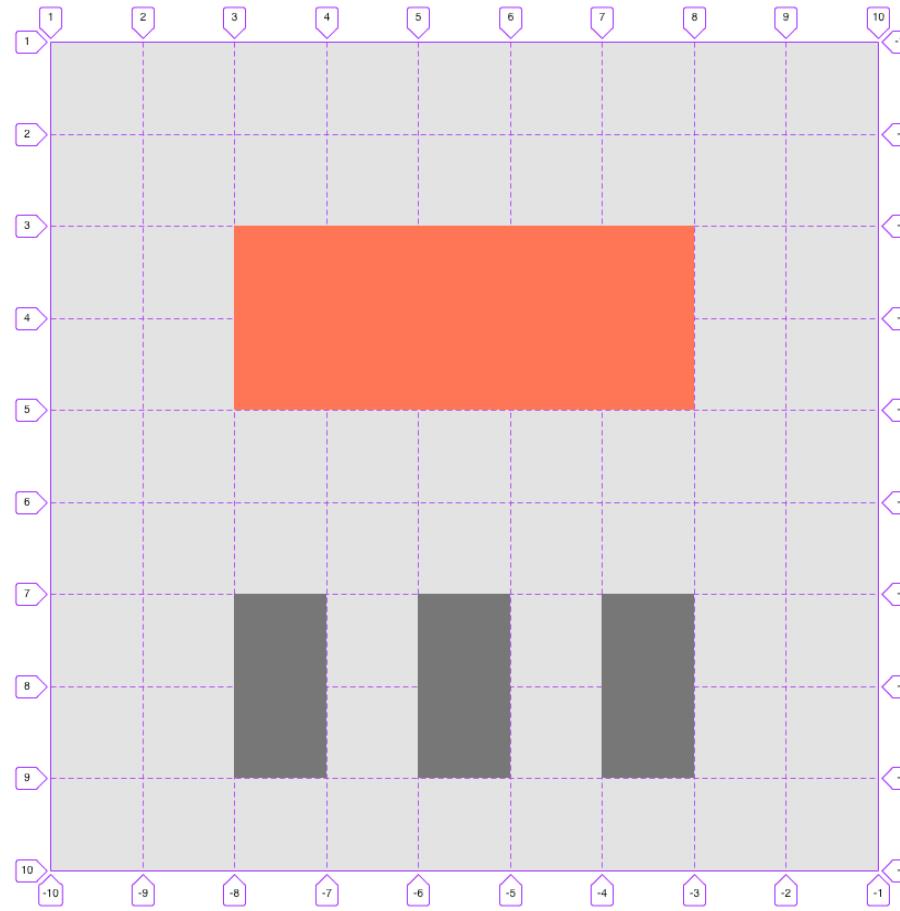
CSS Day



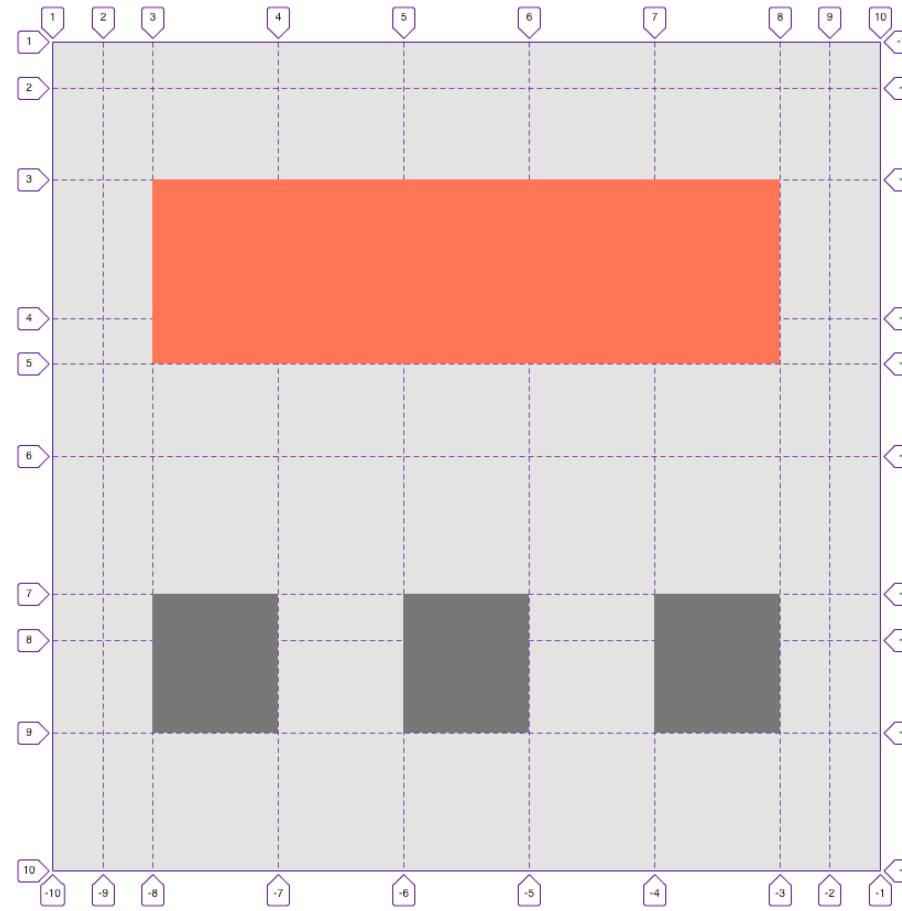
The Friction of Web Standards



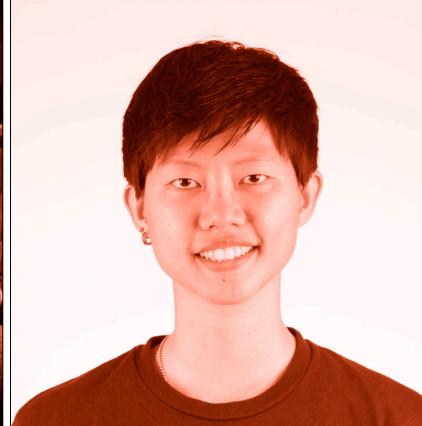
The Friction of Web Standards



The Friction of Web Standards



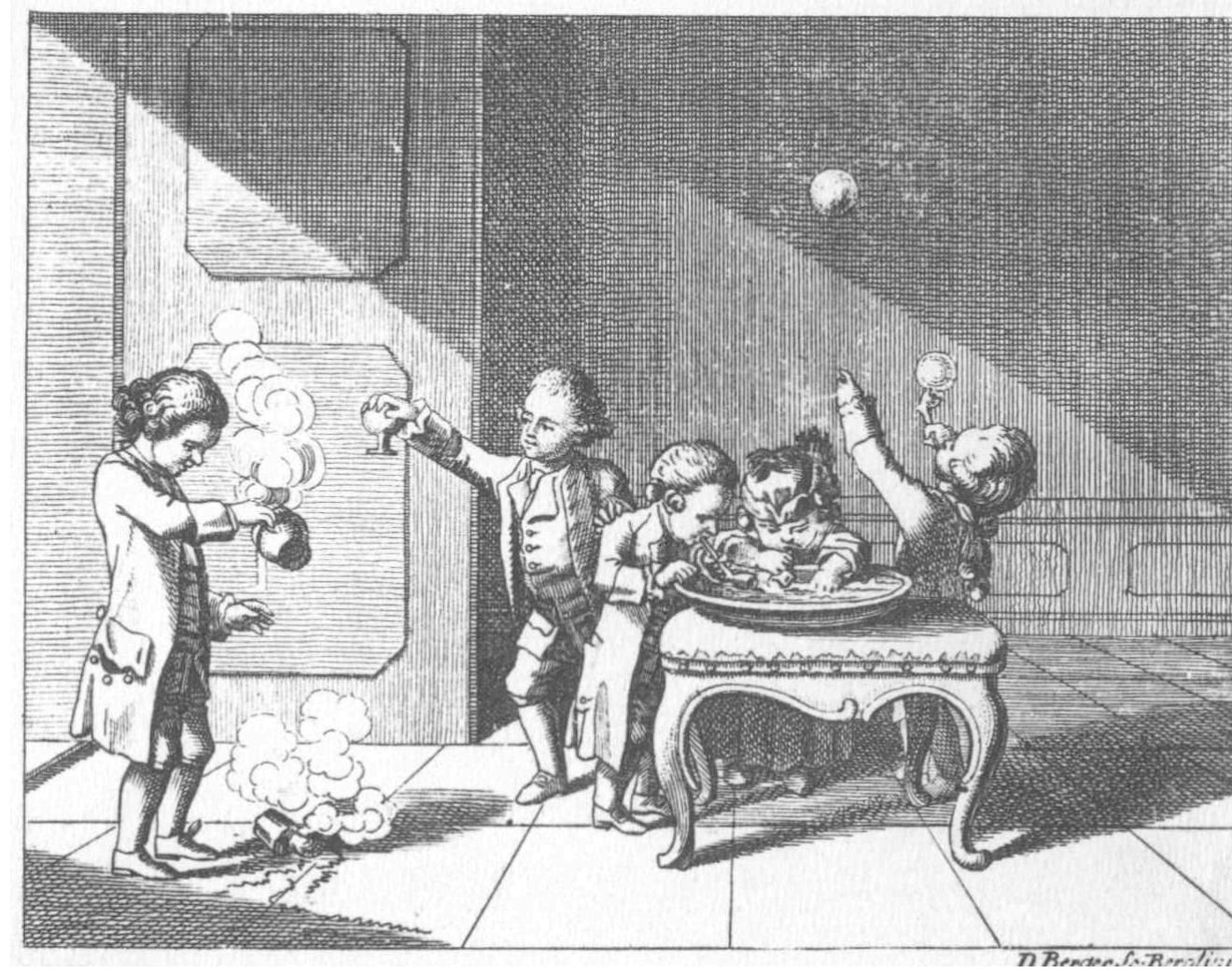
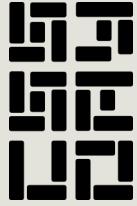
The Friction of Web Standards



Нам открывай миры далекие!



The Friction of Web Standards





chrome://flags

Search flags

Reset all to default

Experiments

69.0.3444.0

Available **Unavailable**

● Experimental Web Platform features
Enables experimental Web Platform features that are in development. – Mac, Windows, Linux, Chrome OS, Android
[#enable-experimental-web-platform-features](#)

Override software rendering list
Overrides the built-in software rendering list and enables GPU-acceleration on unsupported system configurations. – Mac, Windows, Linux, Chrome OS, Android
[#ignore-gpu-blacklist](#)

Accelerated 2D canvas
Enables the use of the GPU to perform 2d canvas rendering instead of using software

The Friction of Web Standards



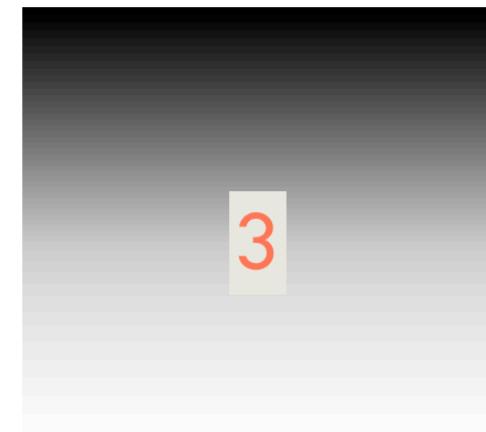
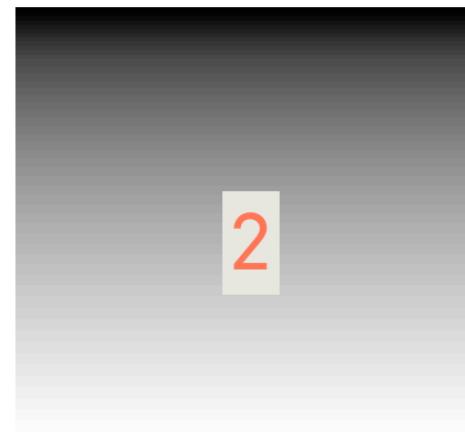
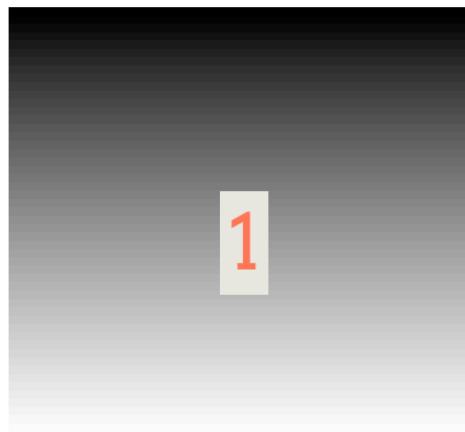
Nightly | about:config

200% | firefox config

Search:

Preference Name	Status	Type	Value
accessibility.AOM.enabled	default	boolean	false
accessibility.accesskeycausesactivation	default	boolean	true
accessibility.blockautorefresh	default	boolean	false
accessibility.browsewithcaret	default	boolean	false
accessibility.browsewithcaret_shortcut.enabled	default	boolean	true
accessibility.force_disabled	default	integer	0
accessibility.indicator.enabled	default	boolean	false
accessibility.monoaudio.enable	default	boolean	false
accessibility.mouse_focuses_formcontrol	default	boolean	false
accessibility.support.url	default	string	https://support.mozilla.org/%LOCALE%/kb/accessibility-s...
accessibility.tabfocus_applies_to_xul	default	boolean	true
accessibility.typeaheadfind	default	boolean	false
accessibility.typeaheadfind.autostart	default	boolean	true
accessibility.typeaheadfind.casesensitive	default	integer	0
accessibility.typeaheadfind.enablesound	default	boolean	true
accessibility.typeaheadfind.enabletimeout	default	boolean	true
accessibility.typeaheadfind.flashBar	modified	integer	0

The Friction of Web Standards



The Friction of Web Standards



	Apple Safari	Google Chrome	Microsoft Edge	Mozilla Firefox	Opera	Spec
Layout API (Explainer)	no signal	partially (Canary) Details	no signal	no signal	no signal	First Public Working Draft Spec
Paint API (Demos Article)	no signal	yes (Chrome 65) Details	no signal	intent (Servo) Details	yes (Opera 52) Details	Working Draft Spec
Parser API (Explainer)	no signal	no signal	no signal	no signal	no signal	None
Properties & Values API (Demos)	no signal	partially (Canary) Details	no signal	development Details	no signal	Working Draft Spec
AnimationWorklet (Explainer Demos)	no signal	partially (Canary) Details	no signal	no signal	no signal	Proposal Spec
Typed OM (Explainer Article)	intent Details	yes (Chrome 66) Details	no signal	intent Details	no signal	Working Draft Spec
Font Metrics API (Explainer)	no signal	no signal	no signal	no signal	no signal	None

Maintained by Surma, source code & license in the [repository](#) on GitHub, last updated on Thu Apr 12 2018 11:10:15 GMT+0200 (CEST)



World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#) , [Policy](#) , November's [W3 news](#) , [Frequently Asked Questions](#) .

What's out there?

Pointers to the world's online information, [subjects](#) , [W3 servers](#), etc.

Help

on the browser you are using

Software Products

A list of W3 project components and their current state. (e.g. [Line Mode](#) ,[X11 Viola](#) ,[NeXTStep](#) ,[Servers](#) ,[Tools](#) ,[Mail robot](#) ,
[Library](#))

Technical

Details of protocols, formats, program internals etc

Bibliography

Paper documentation on W3 and references.

People

A list of some people involved in the project.

History

A summary of the history of the project.

How can I help ?

If you would like to support the web..

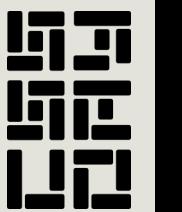
Getting code

Getting the code by [anonymous FTP](#) , etc.



```
address::after {  
    content: "Dank u wel!";  
    text-transform: uppercase;  
    font-size: xx-large;  
    font-weight: 999;}
```

The Friction of Web Standards



```
/* -----\n| Web: https://meyerweb.com |\n| Email: eric@meyerweb.com |\n| Twitter: @meyerweb |\n\----- */
```