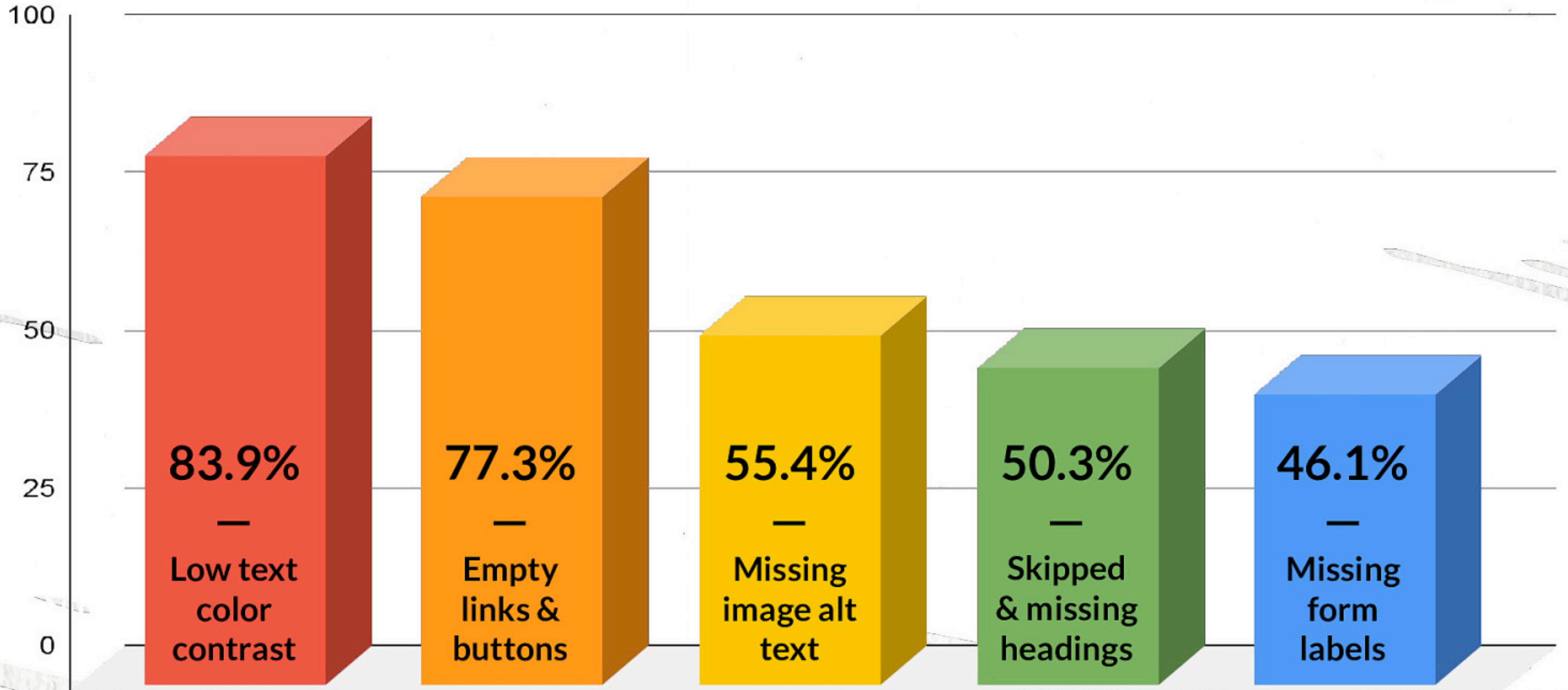


Accessibility is  
a design choice

Gunnar Bittersmann @g16n #uxce23

# Top design-focused issues of 2022



Source: [webaim.org/projects/million](https://webaim.org/projects/million) → [noti.st/cariefisher/Bin4xT](https://noti.st/cariefisher/Bin4xT)

**Low text  
color  
contrast**



# BRUCE SPRINGSTEEN

BORN TO RUN



SPRS 7907

BRUCE SPRINGSTEEN - BORN TO RUN

SONY RECORDS STEREO



## THUNDER ROAD

Bruce Springsteen: guitar, vocals, harmonica  
Garry Tallent: bass guitar  
Max M. Weinberg: drums  
Roy Bittan: Fender Rhodes, glockenspiel  
Clarence Clemons: saxophones  
Background vocals: Roy Bittan,  
Mike Appel, Steve Van Zandt

## TENTH AVENUE FREEZE-OUT

Bruce Springsteen: guitar, vocals  
Garry Tallent: bass guitar  
Max M. Weinberg: drums  
Roy Bittan: piano  
Clarence Clemons: tenor saxophone  
†Randy Brecker: trumpet, flugel horn  
†Michael Brecker: tenor saxophone  
\*\*Dave Sanborn: baritone saxophone  
Wayne Andre: trombone

## NIGHT

Bruce Springsteen: guitar, vocals  
Garry Tallent: bass guitar  
Max M. Weinberg: drums  
Roy Bittan: piano, harpsichord, glockenspiel  
Clarence Clemons: saxophone

## BACKSTREETS

Bruce Springsteen: guitar, vocals  
Garry Tallent: bass guitar  
Max M. Weinberg: drums  
Roy Bittan: piano, organ

## BORN TO RUN

Bruce Springsteen: guitar, vocals  
Garry Tallent: bass guitar  
Ernest "Boom" Carter: drums  
\*David Sancious: keyboards  
Danny Federici: organ  
Clarence Clemons: saxophone

## SHE'S THE ONE

Bruce Springsteen: guitar, vocals  
Garry Tallent: bass guitar  
Max M. Weinberg: drums  
Roy Bittan: piano, harpsichord, organ  
Clarence Clemons: saxophone

## MEETING ACROSS THE RIVER

Bruce Springsteen: vocals  
Roy Bittan: piano  
Richard Davis: bass  
†Randy Brecker: trumpet

## JUNGLELAND

Bruce Springsteen: guitar, vocals  
Garry Tallent: bass guitar  
Max M. Weinberg: drums  
Roy Bittan: piano, organ  
Clarence Clemons: tenor saxophone  
Strings arranged and conducted by Charles Calello

†Appear courtesy of Arista Records  
\*Appears courtesy of Epic Records  
\*\*Appears courtesy of Warner Reprise

PRODUCED BY BRUCE SPRINGSTEEN, JON LANDAU, AND MIKE APPEL  
\*PRODUCED BY BRUCE SPRINGSTEEN, AND MIKE APPEL

[Stereo]  
SRCS 7907



SRCS 7907

BRUCE SPRINGSTEEN

SONY RECORDS STEREO

# BRUCE SPRINGSTEEN

## BORN TO RUN



COMPACT  
disc  
DIGITAL AUDIO

Sony Records  
Sony Music Entertainment (Japan) Inc.

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Entertainment (Japan) Inc. ® and SONY are Registered Trademarks. (js)  
WARNING: All Rights Reserved. Unauthorized duplication is a violation of applicable laws.

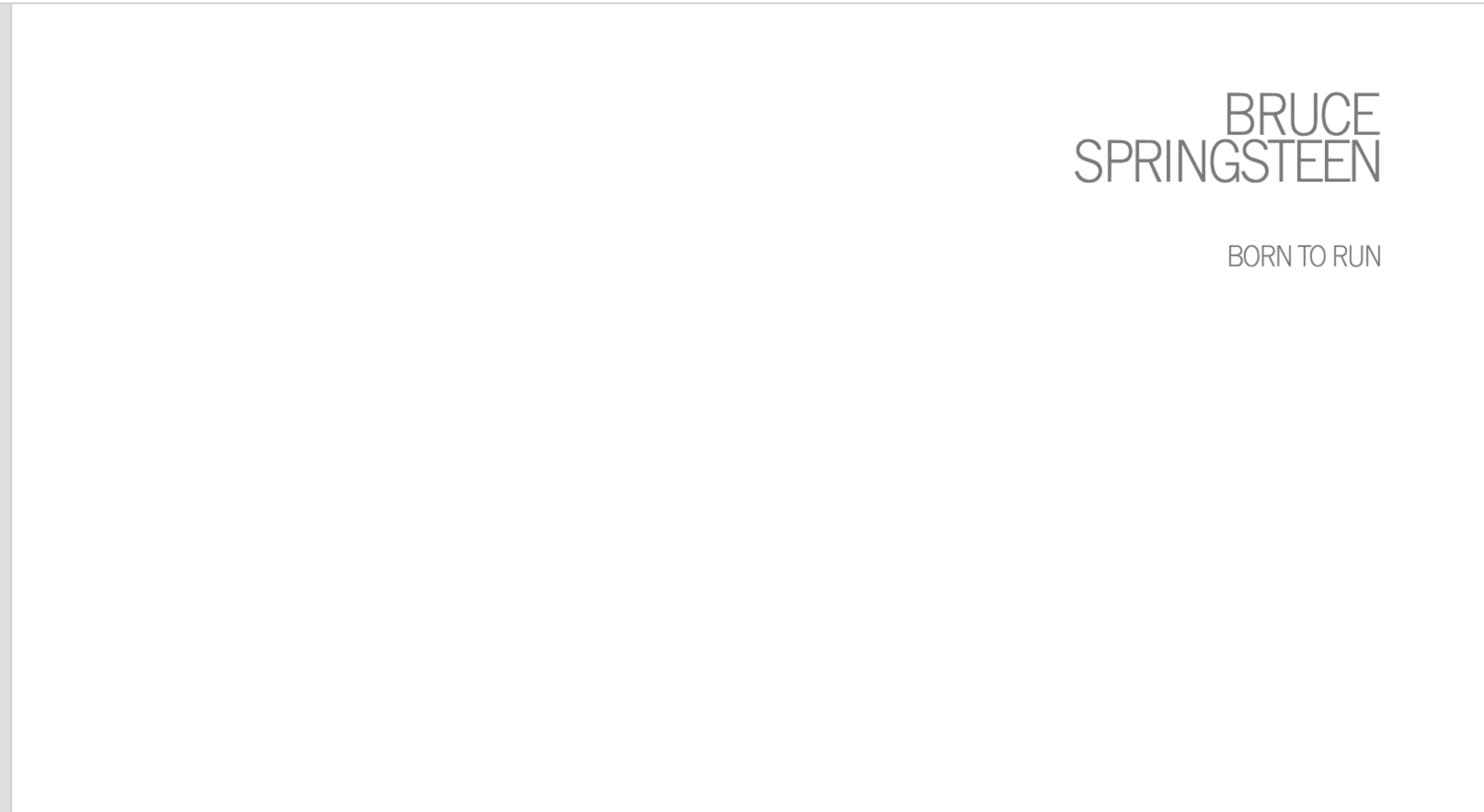
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Ⓜ ¥2,000 (税込) 税抜価格¥1,942 Ⓜ 97.12.20まで

95.12.21  
(75.8.25) Ⓜ



```
HTML
CSS
15
16 .artist, .album {
17   color: gray;
18   letter-spacing: -0.05em;
19 }
20
21 .artist {
22   font-size: 2rem;
23   width: min-content;
24 }
25
26 .album {
JS
```



```
Elements Recorder Performance insights Console Sources Network
<span class="artist">Bruce Springsteen</span>
<i class="album">Born to Run</i> == $0
</h1>
<script src="https://cpwebassets.codepen.io/assets/comm
on/stopExecutionOnTimeout-2c7831b...js"></script>
</body>
</html>
</iframe>
<div id="editor-drag-cover" class="drag-cover" style="display:
none;"></div>
</div>
```

Styles

Filter

.artist, .album {

color: gray;

letter-spacing: -0.05em;

}

i {

font-size: 2rem;

width: min-content;

}

Inherited from

#7a7a7a

user agent stylesheet



**Empty  
links &  
buttons**



```
HTML
1 <h1><i>Discovery</i>, Season 2 (2019)</h1>
2 <nav>
3   <div class="horizontally-scrolling">
4     <button class="scroll-back">
5       <span aria-hidden="true"><</span>
6       <span class="visually-hidden">scroll back</span>
7     </button>
8     <ol class="slider">
9       <li><a href="dsc2.1">Brother</a></li>
10      <li><a href="dsc2.2">New Eden</a></li>
11      <li><a href="dsc2.3">Point of Light</a></li>

```

```
CSS
66
67 /* taken from https://www.a11yproject.com/posts/how-to-hide-content/ */
68 .visually-hidden {
69   clip: rect(0 0 0 0);
70   clip-path: inset(50%);
71   height: 1px;
72   overflow: hidden;
73   position: absolute;
74   white-space: nowrap;
75   width: 1px;
76 }

```

```
JS

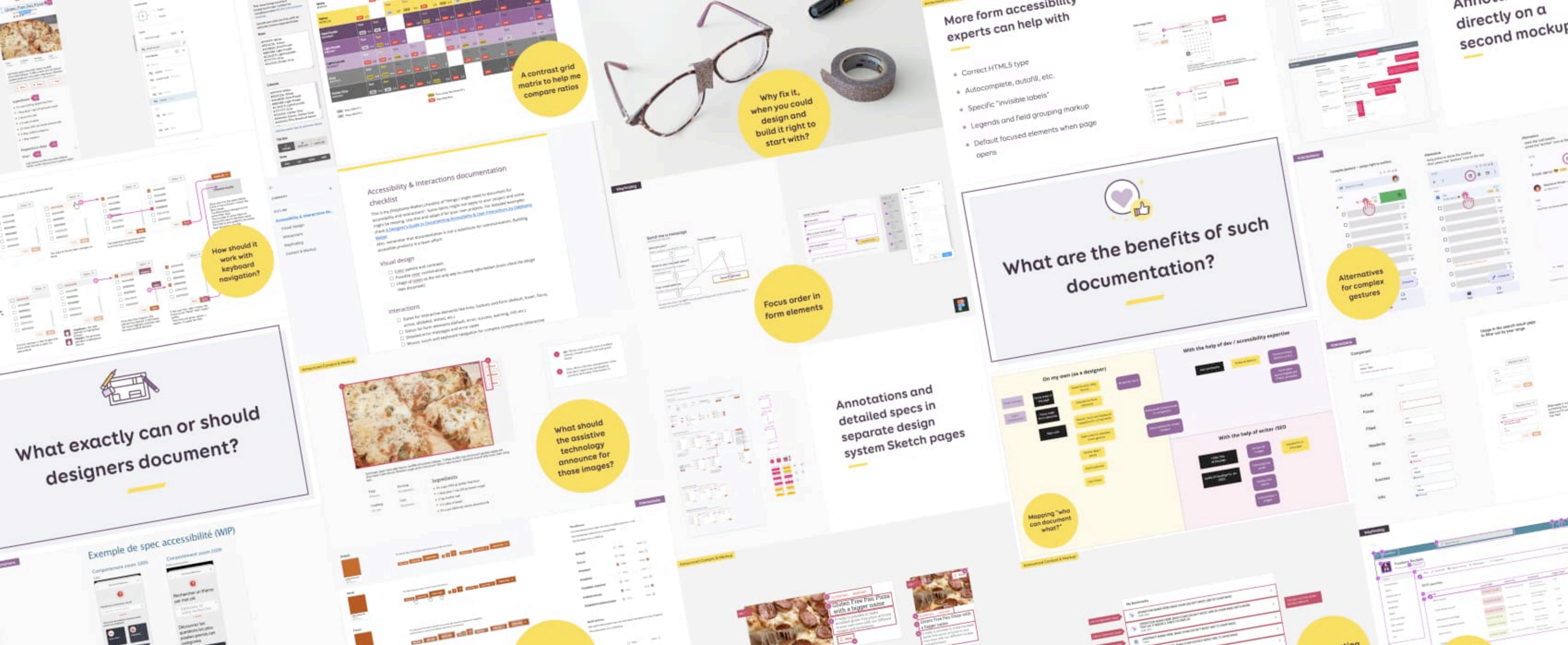
```

## Discovery, Season 2 (2019)

← adows If Memory Serves Project Daed: →

Previously, the Enterprise visited the planet Talos IV where Pike and Spock met the Talosians, beings that can create incredible illusions. Pike fell in love with Vina, an injured Federation crewman in the Talosians' care, but she was unable to leave the planet due to the Talosians' abilities keeping her alive. Pike chose to return to the Enterprise, and Starfleet banned future visits to Talos IV. In the present, Burnham and Spock secretly travel to Talos IV, where the Talosians heal Spock's mind in exchange for Burnham's memories of emotionally scarring Spock which they are interested in observing. Spock reveals that he mind-melded with the Red Angel, a time traveller trying to avert a galactic catastrophe in the future. Stamets attempts to reconnect with Culber, who is going through an identity crisis since his resurrection. Culber confronts Tyler, but realizes that the latter is going through a similar crisis. Discovery collects Spock and Burnham, and they escape while Section 31 is distracted by illusions created by the Talosians.





# A Designer's Guide to Documenting Accessibility & User Interactions

by Stéphanie Walter



# inclusive design **#id24**

**Save the date!**

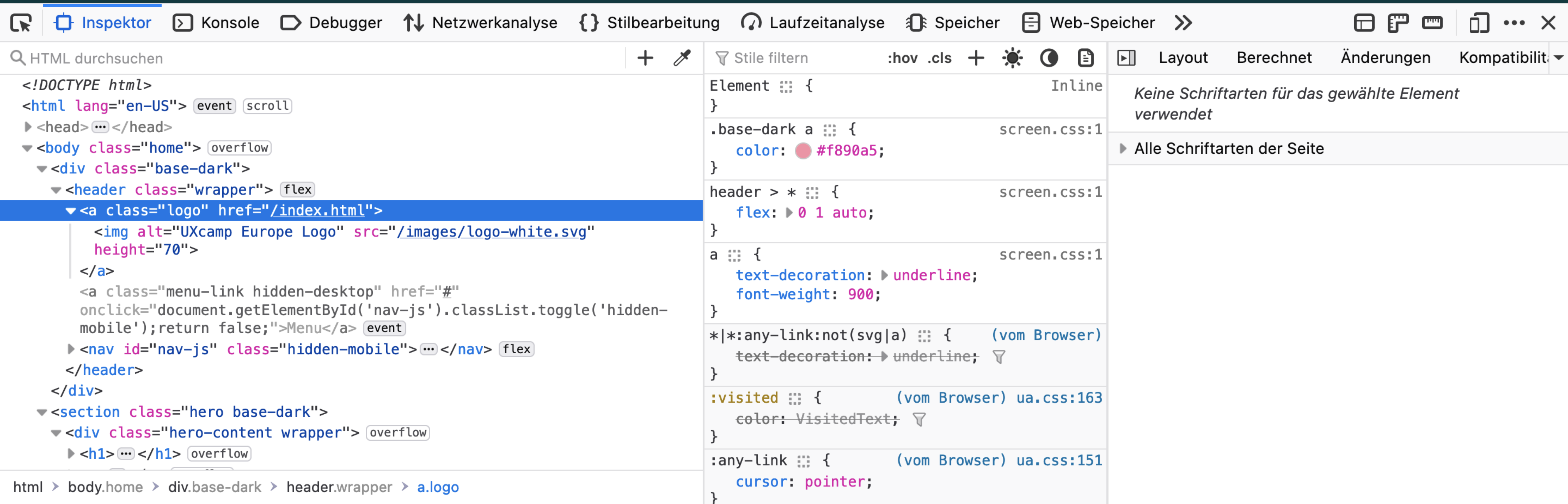
**#id24** will return on **21 September 2023**

**Inclusive Design 24** (#id24) is a free 24-hour online event for the global community. It celebrates inclusive design and shares knowledge and ideas from analogue to digital, from design to development, from planners to practitioners, and everything and everyone in between.



**Missing  
image alt  
text**







***UNIVERSAL LAW IS FOR LACKEYS.***  
***CONTEXT IS FOR KINGS.***

— Lorca in *Star Trek: Discovery* S1:E3



**Skipped  
& missing  
headings**



HTML

1

<main>

2

<h1>The Universal Declaration of Human Rights</h1>

3



4

<section id="preamble">

5

<h2>Preamble</h2>

6

<p>Whereas recognition of the inherent dignity and of the equal and inalienable rights of all members of the human family is the foundation of freedom, justice and peace in the world,</p>

7

<p>Whereas disregard and contempt for human rights have resulted in barbarous acts which have outraged the conscience of mankind, and the advent of a world in which human beings shall enjoy freedom of speech and belief and freedom from fear and want has been proclaimed as the highest aspiration of the common people,</p>

8

<p>Whereas it is essential, if man is not to be compelled to have recourse, as a last resort,

CSS

JS

# The Universal Declaration of Human Rights



## Preamble

Whereas recognition of the inherent dignity and of the equal and inalienable rights of all members of the human family is the foundation of freedom, justice and peace in the world,

Whereas disregard and contempt for human rights have resulted in barbarous acts which have outraged the conscience of mankind, and the advent of a world in which human beings shall enjoy freedom of speech and belief and freedom from fear and want has been proclaimed as the highest aspiration of the common people,

Whereas it is essential, if man is not to be compelled to have recourse, as a last resort, to rebellion against tyranny and oppression, that human rights should be protected by the rule of law,

Whereas it is essential to promote the development of friendly relations between nations,

Whereas the peoples of the United Nations have in the Charter reaffirmed their faith in fundamental human rights, in the dignity and worth of the human person and in the equal rights of men and women and have determined to promote social progress and better standards of life in larger freedom,

Whereas Member States have pledged themselves to achieve, in co-operation with the United Nations, the promotion of universal respect for and observance of human rights and fundamental freedoms,

Whereas a common understanding of these rights and freedoms is of the greatest importance for the full realization of this pledge,

**Now, Therefore *the General Assembly proclaims this Universal Declaration of Human Rights* as a common standard of**





Politik Internationales Berlin Gesellschaft Wirtschaft Kultur Wissen Gesundheit Sport Meinur >

Bezirke Berliner Wirtschaft Polizei & Justiz Stadtleben Fahrrad & Verkehr Schule Nachrufe Checkpoint

h1.Ocw 29.2667 x 18



Berlin



Inspektor Konsole Debugger Netzwerkanalyse Stilbearbeitung Laufzeitanalyse Speicher >> 1

HTML durchsuchen



Stile filtern

:hov .cls



Layout

Berechnet

Änderungen

K

```
</div>
<main id="main-content" class="Ia4" tabindex="-1">
  <div class="Ocv Kbj">
    <nav class="Ocy" aria-labelledby="breadcrumb-label">
      <h1 class="Ocw">Berlin</h1>
    </div>
    <div id="iqadtile00P" class="iqlabel iqlabel-left iqlabe
      style="display: none;" data-google-query-id="CLGzlqycqf8
    <div id="iqd_mainAd"> flex
      <div id="iqd_align_Ad" style="display: none;">
        <div id="iqd_topAd">
          <div>
            <div id="iqadtile1" class="iqlabel iqlabel-left ic
              desktop-id="1" style="" data-google-query-id="CI2F
            </div>
```

```
Element {} {
}
: not( #\# ): not( #
\# ): not( #\# ) {} {
  font-feature-settings:
    "lnum", "lnum", "lnum";
  font-variant-numeric: lining-nums;
}
h1: last-child,
p: last-child {} {
  margin-bottom: 0;
}
.Ocw {} {
  display: inline-block;
  margin: 0;
  margin-bottom: 0px;
```

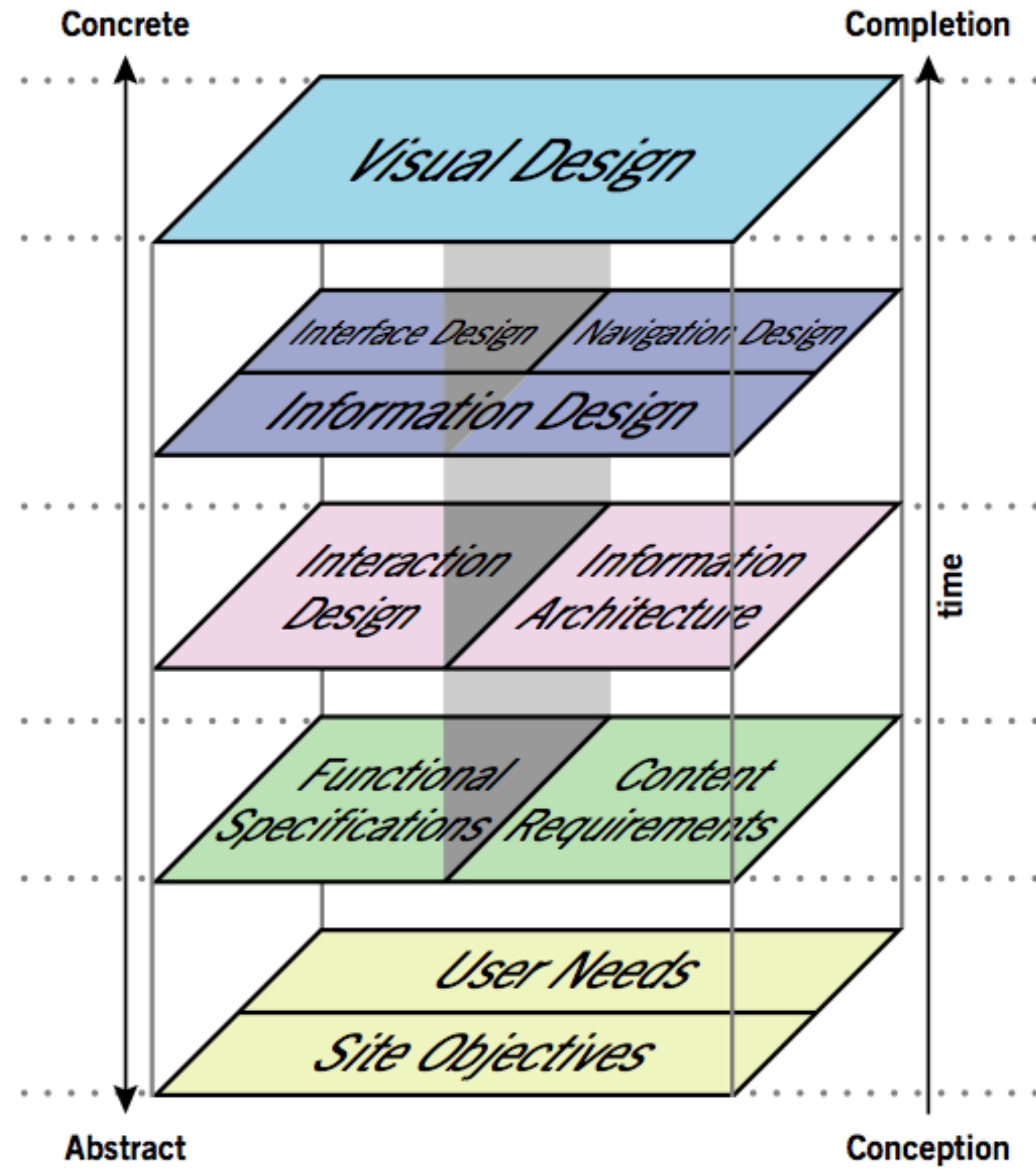
Stile filtern

Browser-Stile

- background-attachment: scroll
- background-clip: border-box
- background-color: rgb(255, 255, 255)
- background-image: none
- background-origin: padding-box
- background-position-x: 0%
- background-position-y: 0%

< div#page-container.laz > main#main-content.la4 > div.Ocv.Kbj > h1.Ocw >







**Missing  
form  
labels**



 HTML  

```
1 <form role="search">
2   <label class="visually-hidden" for="search">search for</label>
3   <input id="search" name="q" />
4   <button>
5     <i class="fa fa-search"></i>
6     <span class="visually-hidden">search</span>
7   </button>
8 </form>
```

 CSS  

```
19 /* taken from https://www.a11yproject.com/posts/how-to-hide-content/ */
20 .visually-hidden {
21   clip: rect(0 0 0 0);
22   clip-path: inset(50%);
23   height: 1px;
24   overflow: hidden;
25   position: absolute;
26   white-space: nowrap;
27   width: 1px;
28 }
```

 JS  





# Accessibility<sub>is</sub> a design choice



Gunnar Bittersmann @g16n #uxce23



Leaving no-one behind<sub>is</sub>  
a design choice



Gunnar Bittersmann @g16n #uxce23



Testing Accessibility — by Marcy Sutton

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Focus on What Matters

Celebrating One Year of Independence as Modern Sole Design, LLC

Evinced is Pushing the Limits of Automated Accessibility Testing

Content-visibility and Accessible Semantics

Finding accessibility jobs in



Leaving no-one behind<sub>is</sub>  
a design choice



Gunnar Bittersmann @g16n #uxce23



Tom  
Hanks<sub>is</sub>  
Forrest  
Gump

