Accessibility is
a design choice

and an implementation choice as well

Top design-focused issues of 2022

	100				
75					
50					
25	**83.9%** — Low text color contrast	**77.3%** — Empty links & buttons	**55.4%** — Missing image alt text	**50.3%** — Skipped & missing headings	**46.1%** — Missing form labels
0					
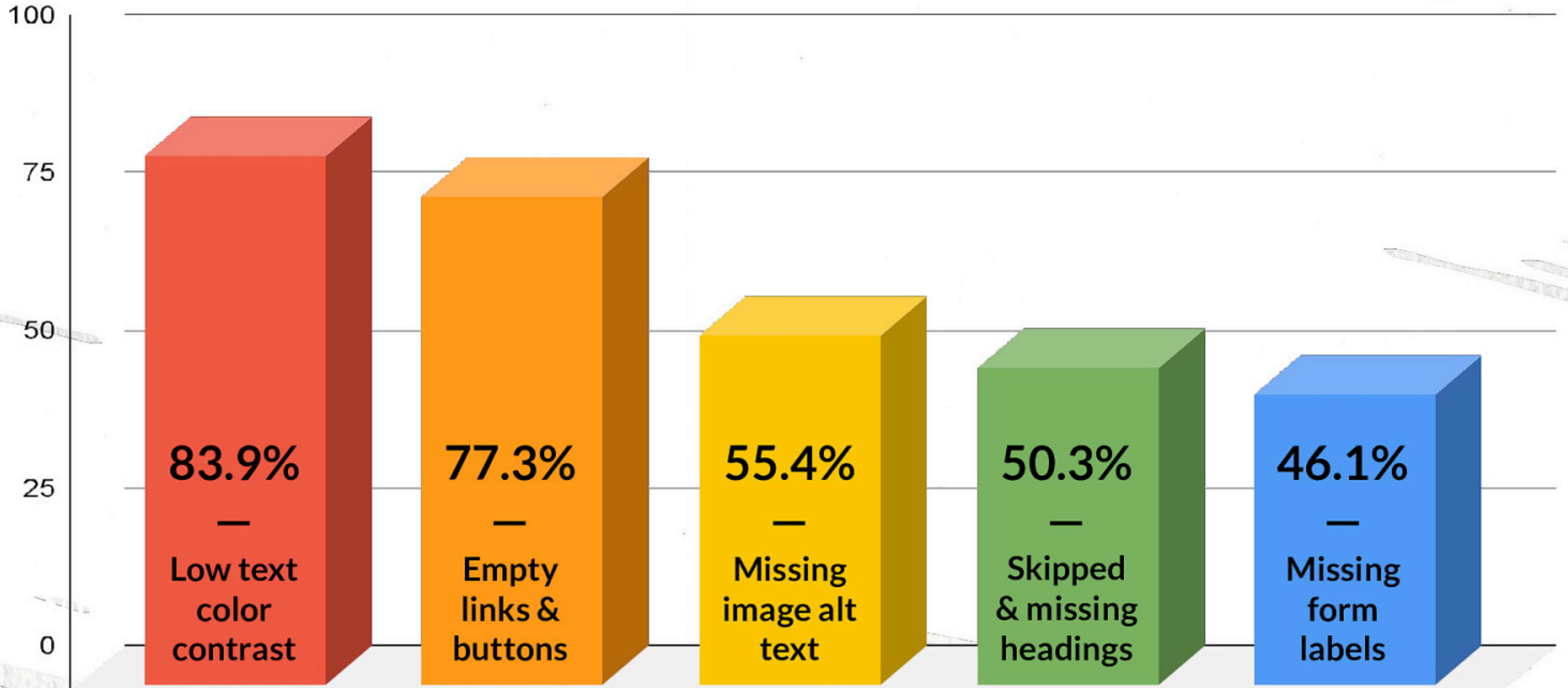
Low text color contrast

BRUCE
SPRINGSTEEN

BORN TO RUN

SRCS 7007

BRUCE SPRINGSTEEN

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

COMPACT
disc
DIGITAL AUDIO

Sony Records
Sony Music Entertainment (Japan) Inc.

95・12・21 Y
(75・8・25)
再 ¥2,000（税込）税抜価格¥1,942　再97.12.20まで

[Stereo]
SRCS 7907
SONY

BRUCE SPRINGSTEEN

BORN TO RUN

BRUCE SPRINGSTEEN
SONY RECORDS STEREO

❤ ☁ Save ⌄   ⚙ Settings

/ 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   ⚙ ⌄

BRUCE
SPRINGSTEEN

BORN TO RUN

Console   Assets   Comments   ⌘ Keys   Last saved JUNE 4, 2023 — 12:06:38 PM   ⬈   Delete   Add to Collection   ⤬ Fork   Embed   Export   Share

▣ ▢ | Elements   Recorder ⚗   Performance insights ⚗   Console   Sources   Network   »   ⊗ 62 ⚠ 2   ⊠ 4   ⚙ ⋮ ✕

```
            <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   Co…   …M Breakpoints   Properties   Accessibility

Filter   :hov .cls +, ▣ ◁

.artist, .a…   <style>

  color: ▮
  letter-sp…
}

i {   user agent stylesheet
  font-styl…
}

Inherited from

#7a7a7a

2-1fdc-288e86f34729.result-iframe.iframe-visual-update   html   body   h1   i.album   ▶

Empty links & buttons

HTML

```
 1  <button>
 2    <i class="fa fa-backward"></i>
 3    <span class="visually-hidden">rewind</span>
 4  </button>
 5  <button>
 6    <i class="fa fa-stop"></i>
 7    <span class="visually-hidden">stop</span>
 8  </button>
 9  <button>
10    <i class="fa fa-play"></i>
11    <span class="visually-hidden">play</span>
12  </button>
13  <button>
14    <i class="fa fa-forward"></i>
15    <span class="visually-hidden">fast forward</span>
16  </button>
17  <button>
18    <i class="fa fa-circle"></i>
19    <span class="visually-hidden">record</span>
20  </button>
21  <button>
22    <i class="fa fa-pause"></i>
```
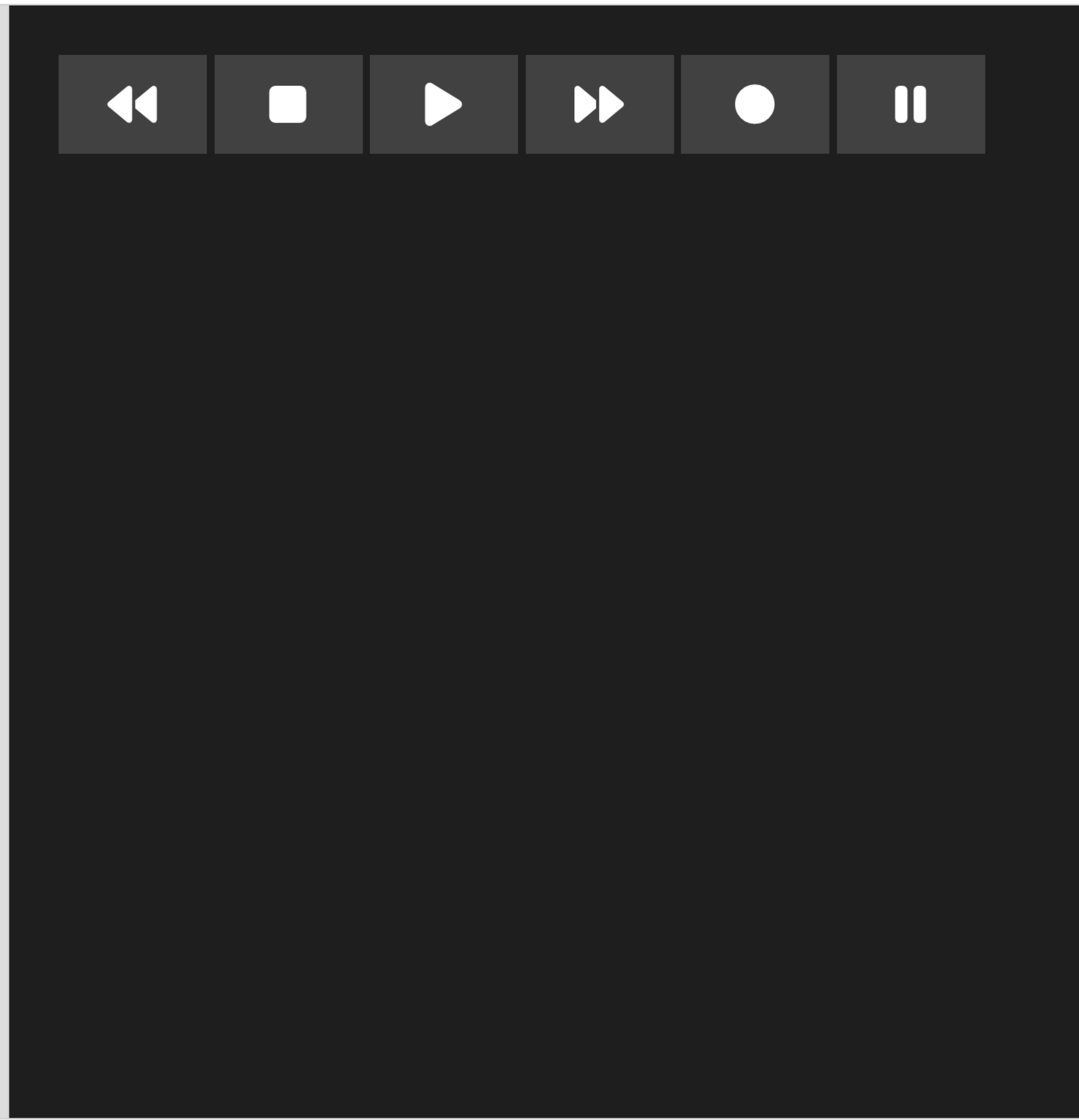
CSS

JS

Console   Assets   Comments   ⌘ Keys

Last saved   Delete   Add to Collection   ⌥ Fork   Embed   Export   Share

❤ ☁ Save ▾ ⚙ Settings ▦ 📌 ▾

/ HTML   ⚙ ▾

```html
1  <button>
2    <i class="fa fa-backward"></i>
3    <span aria-hidden="true">rew</span>
4    <span class="visually-hidden">rewind</span>
5  </button>
6  <button>
7    <i class="fa fa-stop"></i>
8    <span>stop</span>
9  </button>
10 <button>
11   <i class="fa fa-play"></i>
12   <span>play</span>
13 </button>
14 <button>
15   <i class="fa fa-forward"></i>
16   <span aria-hidden="true">ff</span>
17   <span class="visually-hidden">fast forward</span>
18 </button>
19 <button>
20   <i class="fa fa-circle"></i>
21   <span aria-hidden="true">rec</span>
22   <span class="visually-hidden">record</span>
```
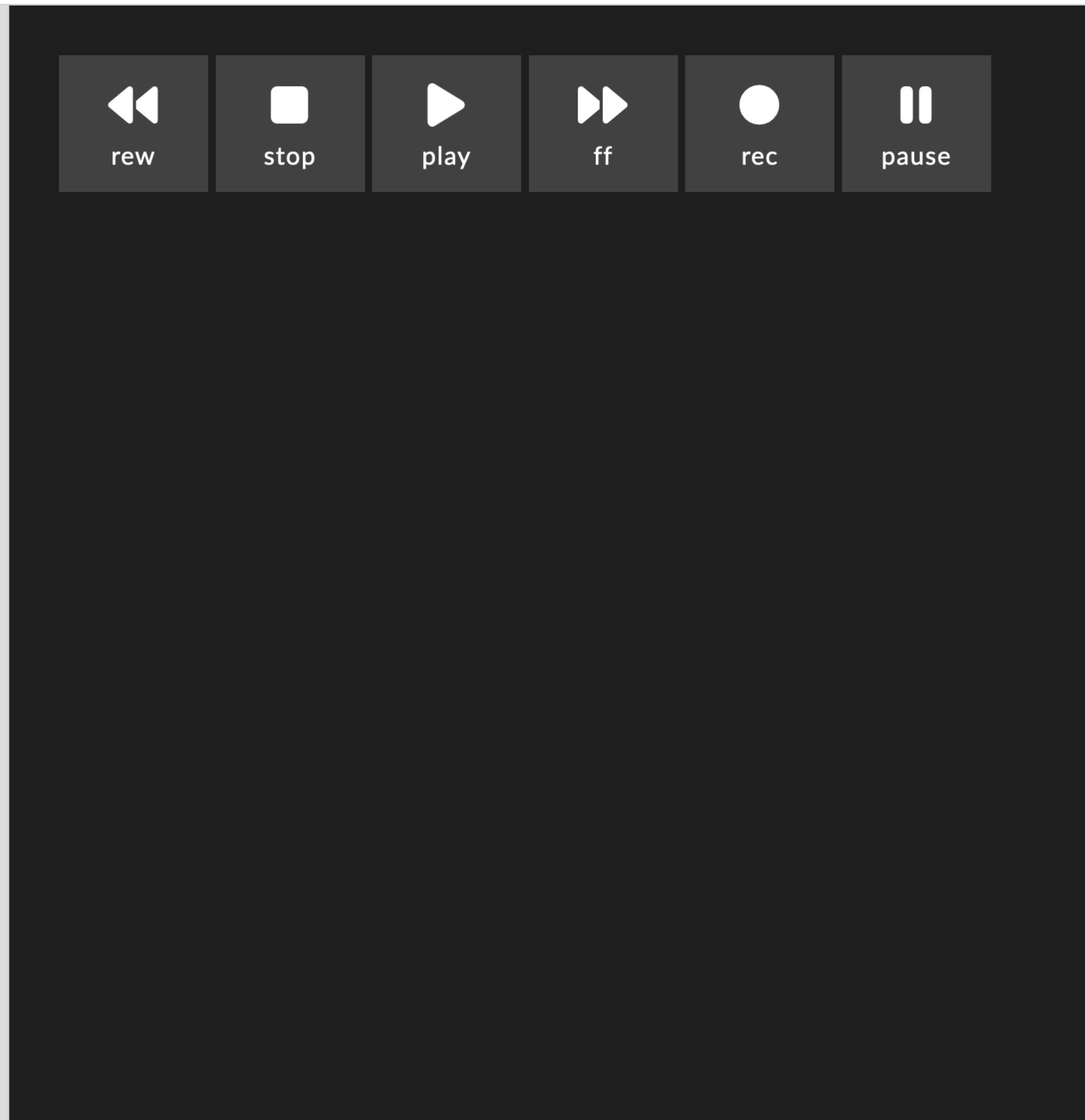
⏪   ⏹   ▶   ⏩   ●   ⏸
rew   stop   play   ff   rec   pause

✴ CSS   ⚙ ▾

() JS   ⚙ ▾

Console   Assets   Comments   ⌘ Keys   Last saved   ⧉ Delete   Add to Collection   ⑂ Fork   Embed   Export   Share

A11y Meetup Berlin

Our Upcoming Meetup

The main goal is to encourage everyone talking, thinking, and learning about digital access / inclusion and people with different disabilities.

A user group about accessibility and inclusive design.

Home   Meetups   About   Submit a talk

Inspektor   Konsole   Debugger   Netzwerkanalyse   Stilbearbeitung   Laufzeitanalyse   Speicher   Web-Speicher   Barrierefreiheit

HTML durchsuchen

```
<div class="is-default-size wp-block-site-logo">
  <a class="custom-logo-link" href="https://a11y-meetup-berlin.de/" rel="home" aria-current="page">
    <img class="custom-logo" width="1317" height="1317" src="https://a11y-meetup-berlin.de/wp-content/uploads/2022/06/a11y-meetup-berlin-logo-white-bg.svg" alt="a11y Meetup Berlin logo" decoding="async" fetchpriority="high">
  </a>
</div>
<div class="wp-block-columns is-layout-flex wp-container-4 wp-block-columns-is-layout-flex">... </div> flex
</div>
```

Stile filtern

:hov .cls

Element { } Inline

.wp-block-site-logo.is-   Inline:2
default-size img {
    height: auto;
    width: 120px;
}

.wp-block-site-logo a, .wp-   Inline:2
block-site-logo img {
    border-radius: ▸ inherit;

Layout   Berechnet   Änderungen   Kon

▾ Flexbox
Flex-Behälter oder -Element auswählen, um fortzufahren.

▸ Raster

▾ Box-Modell
margin   0
border

UNIVERSAL LAW IS FOR LACKEYS.
CONTEXT IS FOR KINGS.

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

Skipped & missing headings

❤ | ☁ Save ⌄ | ⚙ Settings | ▦ | 📌 ⌄

HTML ⚙ ⌄

```
1  <main>
2    <h1>The Universal Declaration of Human
     Rights</h1>
3    <img src="https://upload.wikimedia.org
     /wikipedia/commons/d/d3/HumanRightsLogo.svg"
     alt="Human Rights Logo"/>
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

◻ | 🖳 Inspektor | ▷ Konsole | ◻ Debugger | ↕ Netzwerkanalyse | {} Stilbearbeitung | ◉ Laufzeitanalyse | ▱ Speicher | ›› | ● 1 | ▦ ▦ ▭ | ◻ ⋯ ✕

🔍 HTML durchsuchen   + 💉

```
        </div>
    ▼ <main id="main-content" class="Ia4" tabindex="-1">
        ▼ <div class="0cv Kbj">
            ▶ <nav class="0cy" aria-labelledby="breadcrumb-label">⋯
                <h1 class="0cw">Berlin</h1>
            </div>
        ▶ <div id="iqadtileOOP" 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 i
                            desktop-id="1" style="" data-google-query-id="CI2F
                    </div>
```

< | ▶ div#page-container.laz > main#main-content.Ia4 > div.0cv.Kbj > h1.0cw >

🔽 Stile filtern | :hov | .cls | + | ☀ | ◑ | 🗎

```
Element ⠿ {                    Inline
}

:not(#\#):not(#        app.eecadb57.css:1
\#):not(#\#) ⠿ {
    font-feature-settings:
        "lnum","lnum","lnum";
    font-variant-numeric: lining-nums;
}

h1:last-child,        app.eecadb57.css:1
p:last-child ⠿ {
    margin-bottom: 0;
}

.0cw ⠿ {              23.35dfdfd3.css:1
    display: inline-block;
    margin: ▶ 0;
        └─ margin-bottom: 0px;
```

◨ | Layout | Berechnet | Änderungen | K ›

🔽 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%

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>
```
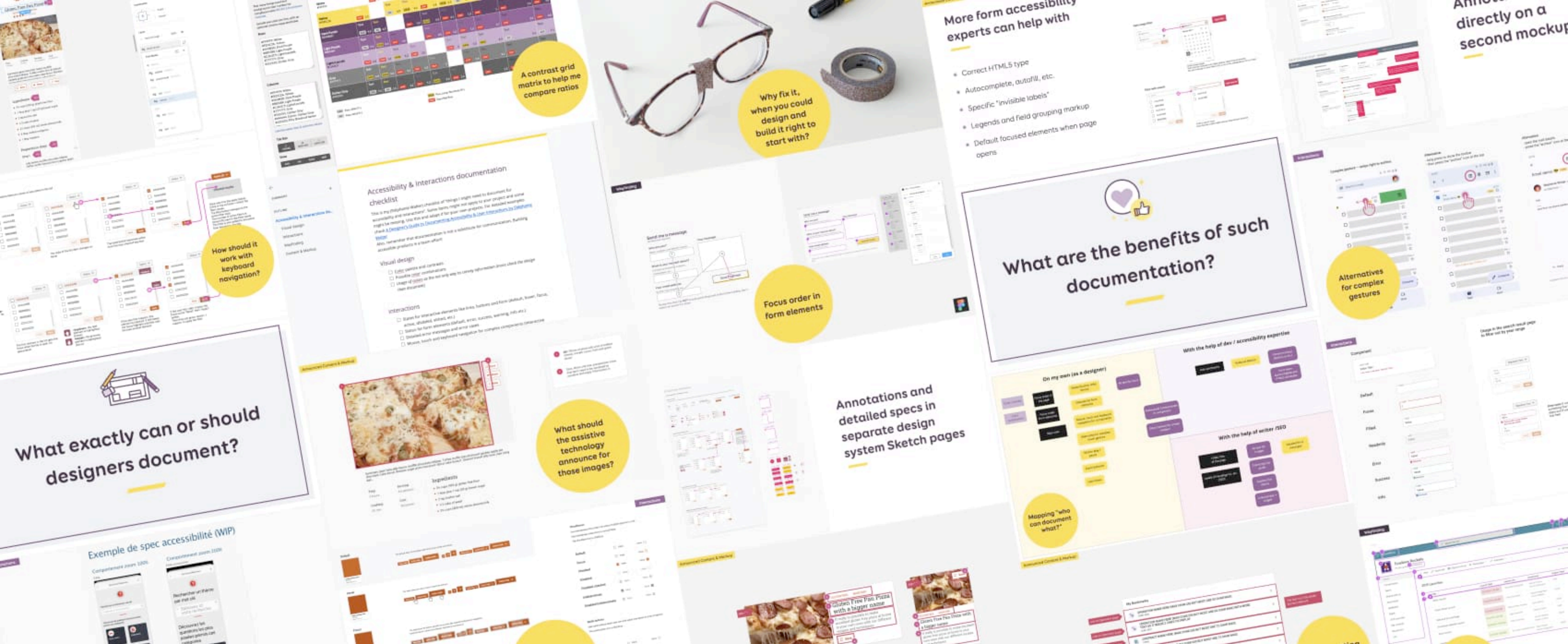
CSS

```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

A Designer's Guide to Documenting Accessibility & User Interactions

by Stéphanie Walter

Accessibility is a design choice

and an implementation choice as well

Leaving no-one behind is a design choice

and an implementation choice as well

Testing Accessibility — by Marcy Sutton

Comprehensive Accessibility Training for Shipping High-Quality Web Applications

A self-paced workshop designed to teach you the principles and effective patterns of accessibility, from design to deployment.

I'm a web developer and trainer specializing in frontend accessibility.

Find about **my work**.

Latest:Writing

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

Latest:Feature

Testing Accessibility

Learn how to build accessible web applications from my latest initiative. Self-paced workshop series available now at **testingaccessibility.com**! *You can also*

Leaving no-one behind is a design choice

and an implementation choice as well