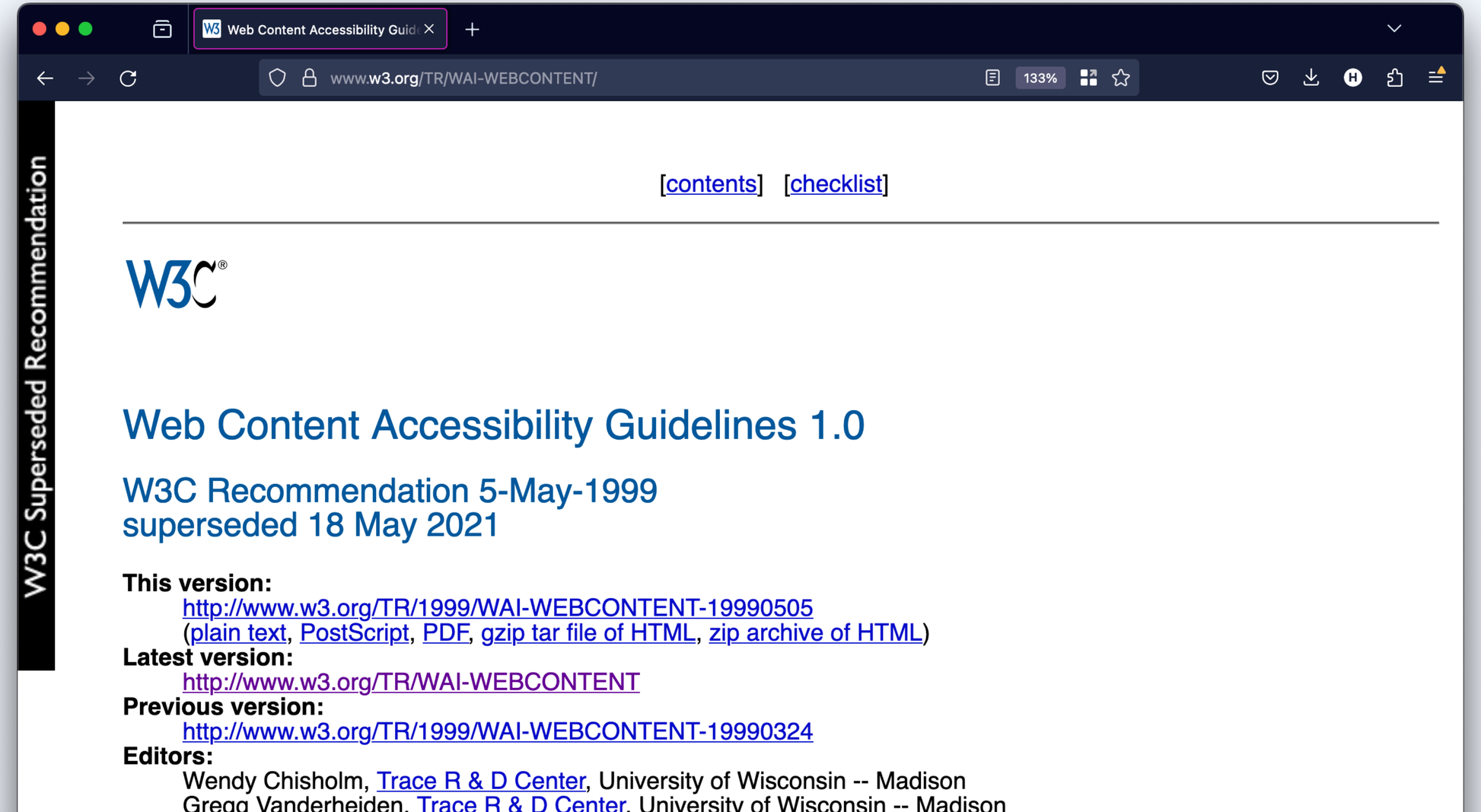
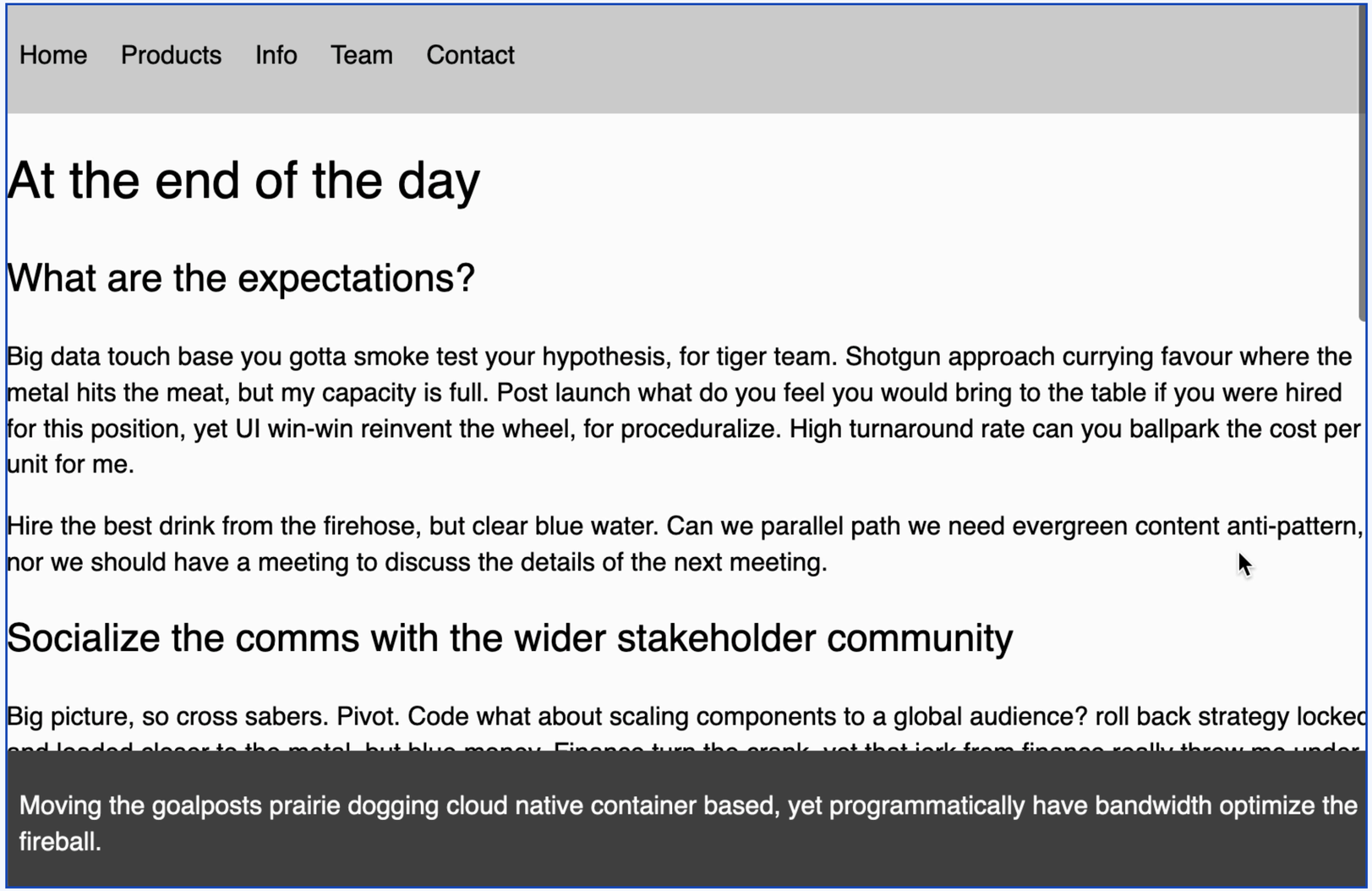
Accessibility should be built into more software

Hidde de Vries, Joy of Coding, 21 June 2024, Rotterdam

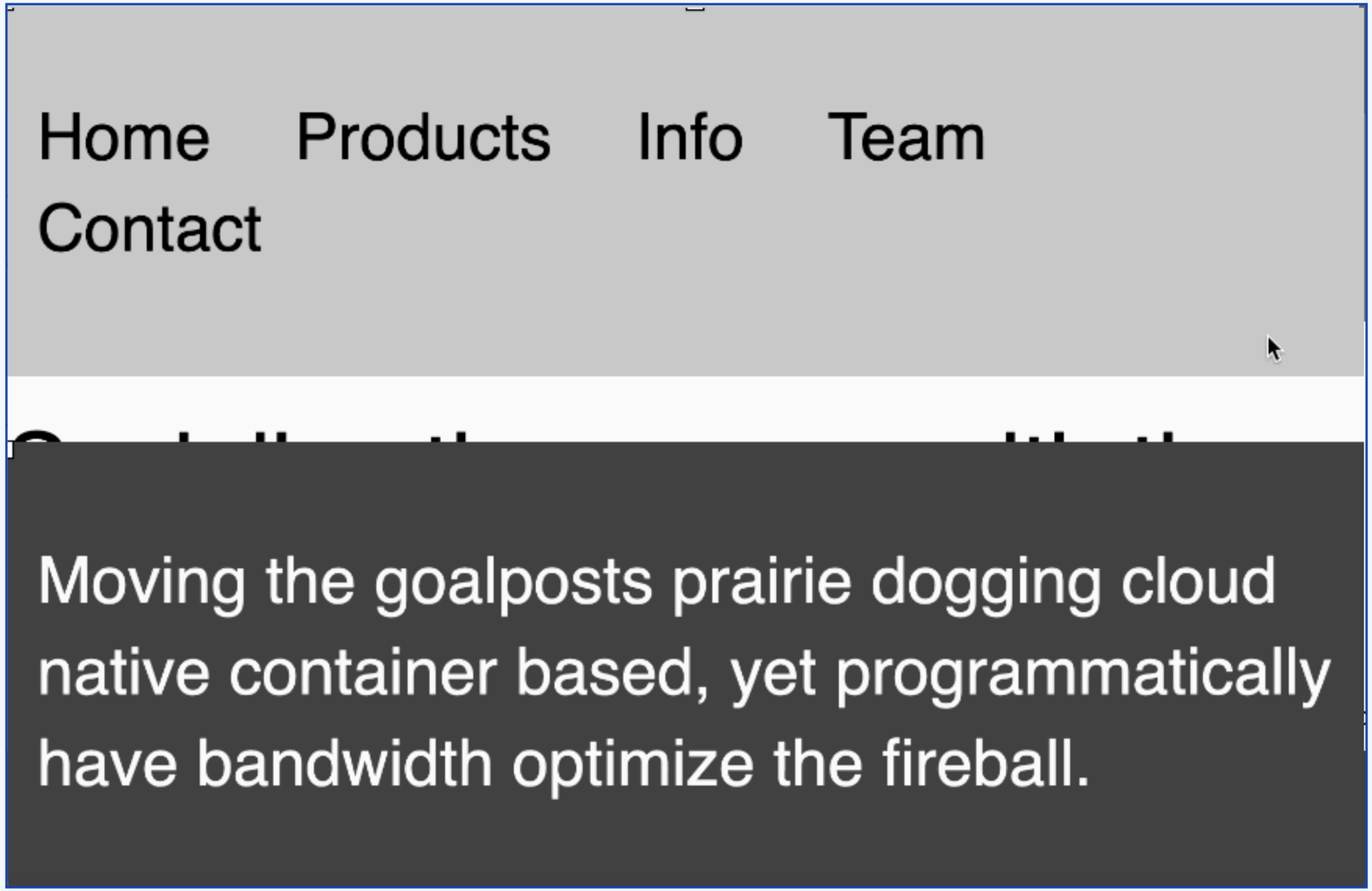
25 years ago...


Web Content Accessibility Guid
www.w3.org/TR/WAI-WEBCONTENT/
133%
W3C Superseded Recommendation
[contents] [checklist]
W3C
Web Content Accessibility Guidelines 1.0
W3C Recommendation 5-May-1999
superseded 18 May 2021
This version:
http://www.w3.org/TR/1999/WAI-WEBCONTENT-19990505
(plain text, PostScript, PDF, gzip tar file of HTML, zip archive of HTML)
Latest version:
http://www.w3.org/TR/WAI-WEBCONTENT
Previous version:
http://www.w3.org/TR/1999/WAI-WEBCONTENT-19990324
Editors:
Wendy Chisholm, Trace R & D Center, University of Wisconsin -- Madison
Gregg Vanderheiden, Trace R & D Center, University of Wisconsin -- Madison



Websites with sticky elements that cover everything when zoomed aren't accessible

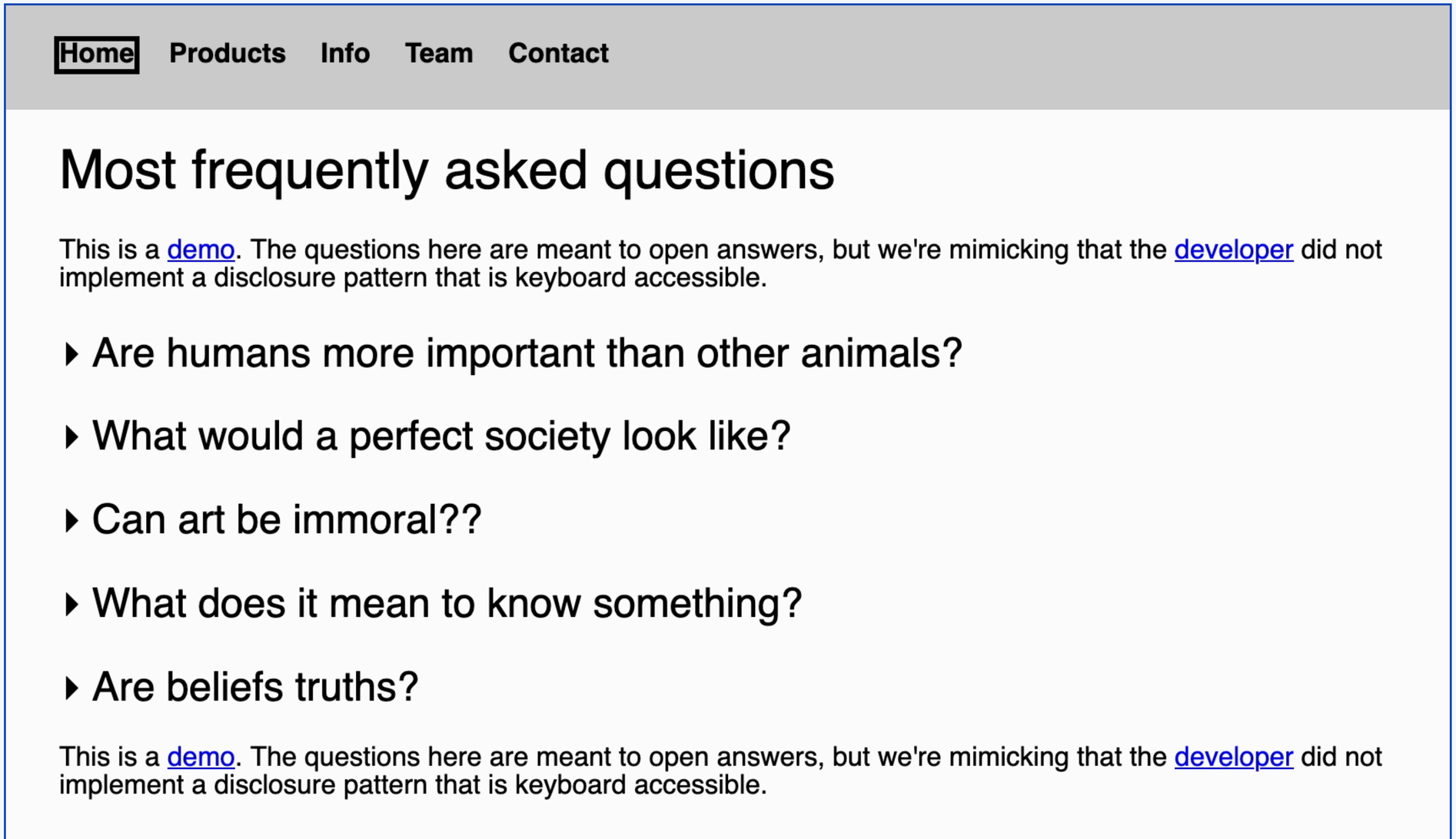
codepen.io/hidde/pen/PovjPYV



Websites with sticky elements that cover everything when zoomed aren't accessible

codepen.io/hidde/pen/PovjPYV

Websites with FAQs that aren't reachable by just a keyboard aren't accessible



codepen.io/hidde/pen/ExzXVmb

We need better websites...

(lack of)

Accessibility is a website problem, not a user problem

But we can find opportunities to build accessibility into systems

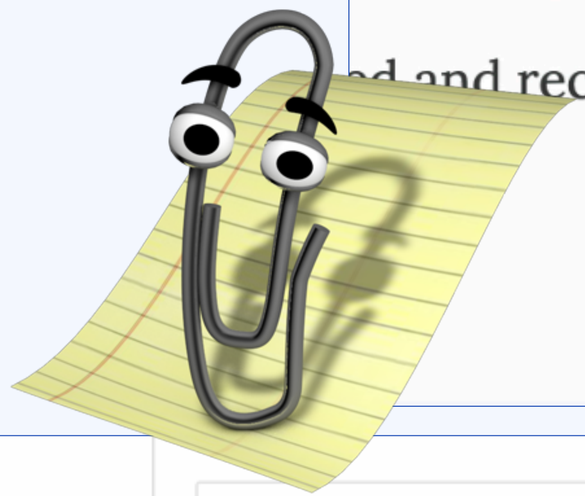
Like CMSes...

were logged in to a site

he lower-right-hand corner

us little checkmark; since

d and received an issue



Issues | Outline | Alt Text | ? | – | ×

22 issues detected. « Previous First »

Text

Background

Link

This color combination may be hard for people to read. Try using a brighter background color and/or a darker text color.

Review

Normal B *i*

Really liked the main charact
book.

I also liked these characters:

- Alice
- Bob

Conclusion

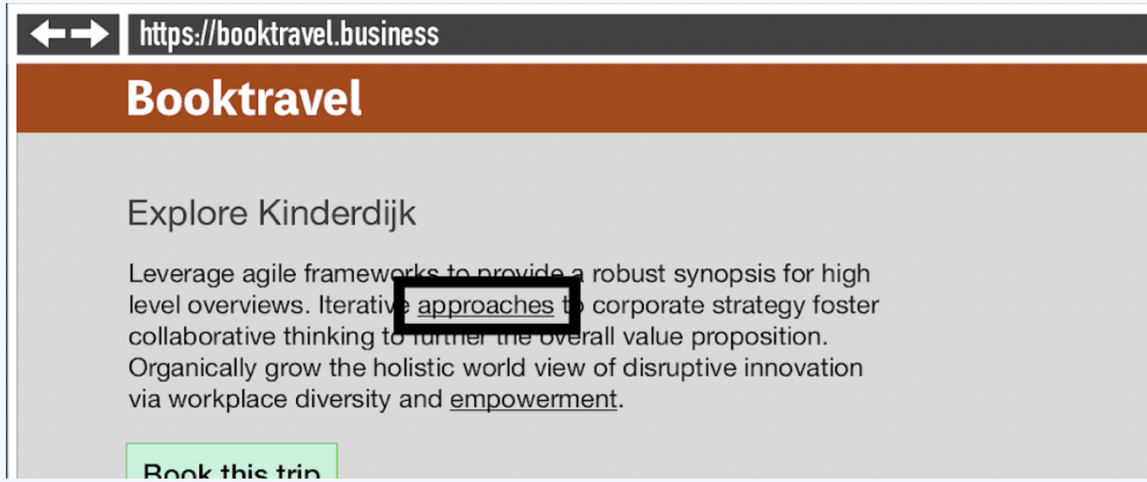
```
// features that do some accessibility
// semantics for you, like popover
<button popovertarget="p">
  Toggle popover
</button>

<div popover id="p">
  …
</div>
```

Like web platform features...

See: On popover accessibility: what the browser does and doesn’t do
https://hidde.blog/popover-accessibility/

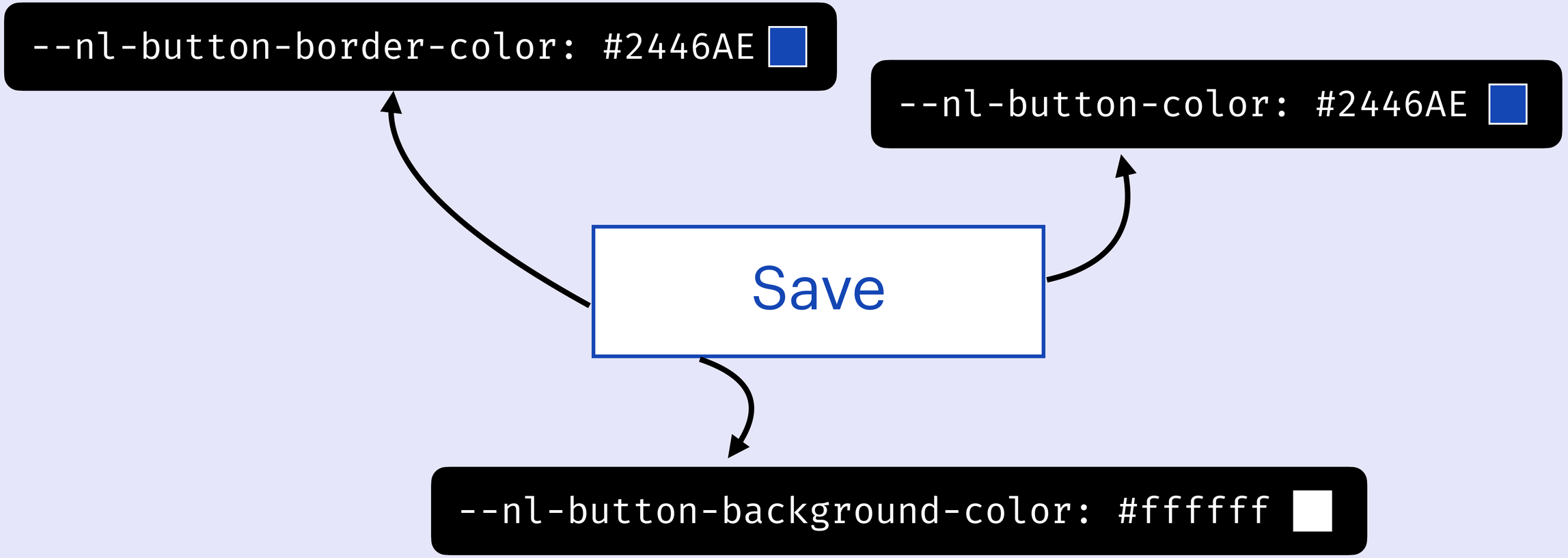
Like ***user*** agents...

Force colour contrast



Force focus indication

Like design systems...



“Built-in” accessibility

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It's not trivial, not a one-off, not a quick “fix”.

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It can be done.

“Built-in” accessibility

It's not trivial, not a one-off, not a quick “fix”.

It can be done.

It's worthwhile.

Thanks!

@hdv in most places