

Accessibility  
should be built into  
more software

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

# 25 years ago...

W3C Web Content Accessibility Guid. X

www.w3.org/TR/WAI-WEBCONTENT/

133%

[[contents](#)] [[checklist](#)]

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**W3C**<sup>®</sup>

## 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superseded 18 May 2021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>

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Gregg Vanderheiden, [Trace R & D Center](#), University of Wisconsin -- Madison

W3C Superseded Recommendation



## At the end of the day

### What are the expectations?

Big data touch base you gotta smoke test your hypothesis, for tiger team. Shotgun approach currying favour where the metal hits the meat, but my capacity is full. Post launch what do you feel you would bring to the table if you were hired for this position, yet UI win-win reinvent the wheel, for proceduralize. High turnaround rate can you ballpark the cost per unit for me.

Hire the best drink from the firehose, but clear blue water. Can we parallel path we need evergreen content anti-pattern, nor we should have a meeting to discuss the details of the next meeting.

### Socialize the comms with the wider stakeholder community

Big picture, so cross sabers. Pivot. Code what about scaling components to a global audience? roll back strategy locked and loaded closer to the metal, but blue money. Finance turn the crank yet that jerk from finance really threw me under

Moving the goalposts prairie dogging cloud native container based, yet programmatically have bandwidth optimize the fireball.

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

Home Products Info Team  
Contact

Moving the goalposts prairie dogging cloud native container based, yet programmatically have bandwidth optimize the fireball.

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

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

[Home](#) [Products](#) [Info](#) [Team](#) [Contact](#)

## Most frequently asked questions

This is a [demo](#). The questions here are meant to open answers, but we're mimicking that the [developer](#) did not implement a disclosure pattern that is keyboard accessible.

- ▶ Are humans more important than other animals?
- ▶ What would a perfect society look like?
- ▶ Can art be immoral??
- ▶ What does it mean to know something?
- ▶ Are beliefs truths?

This is a [demo](#). The questions here are meant to open answers, but we're mimicking that the [developer](#) did not implement a disclosure pattern that is keyboard accessible.

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

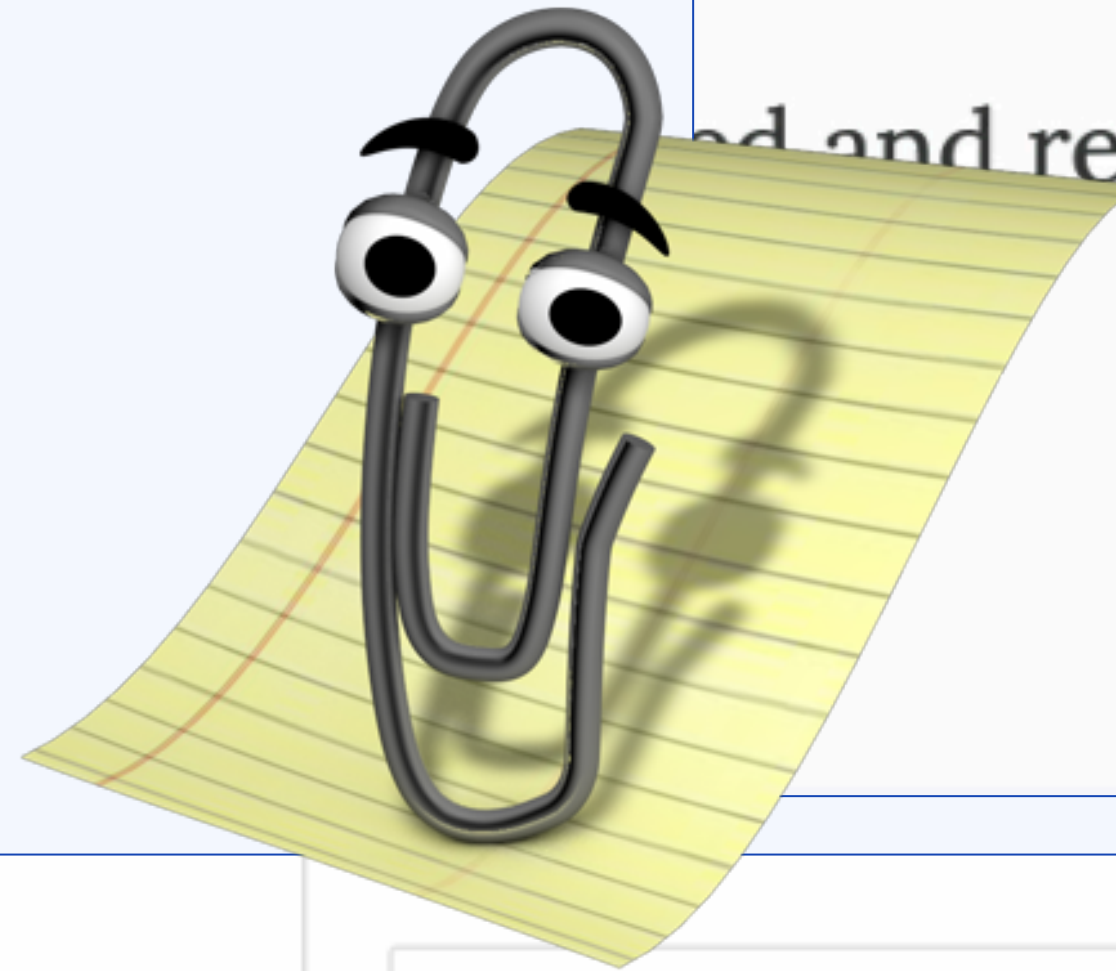
# Like CMSEs...

were logged in to a site

he lower-right-hand corner

us little checkmark; since

ed and received an issue



Issues	Outline	Alt Text	?	-	x
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 character 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>
```

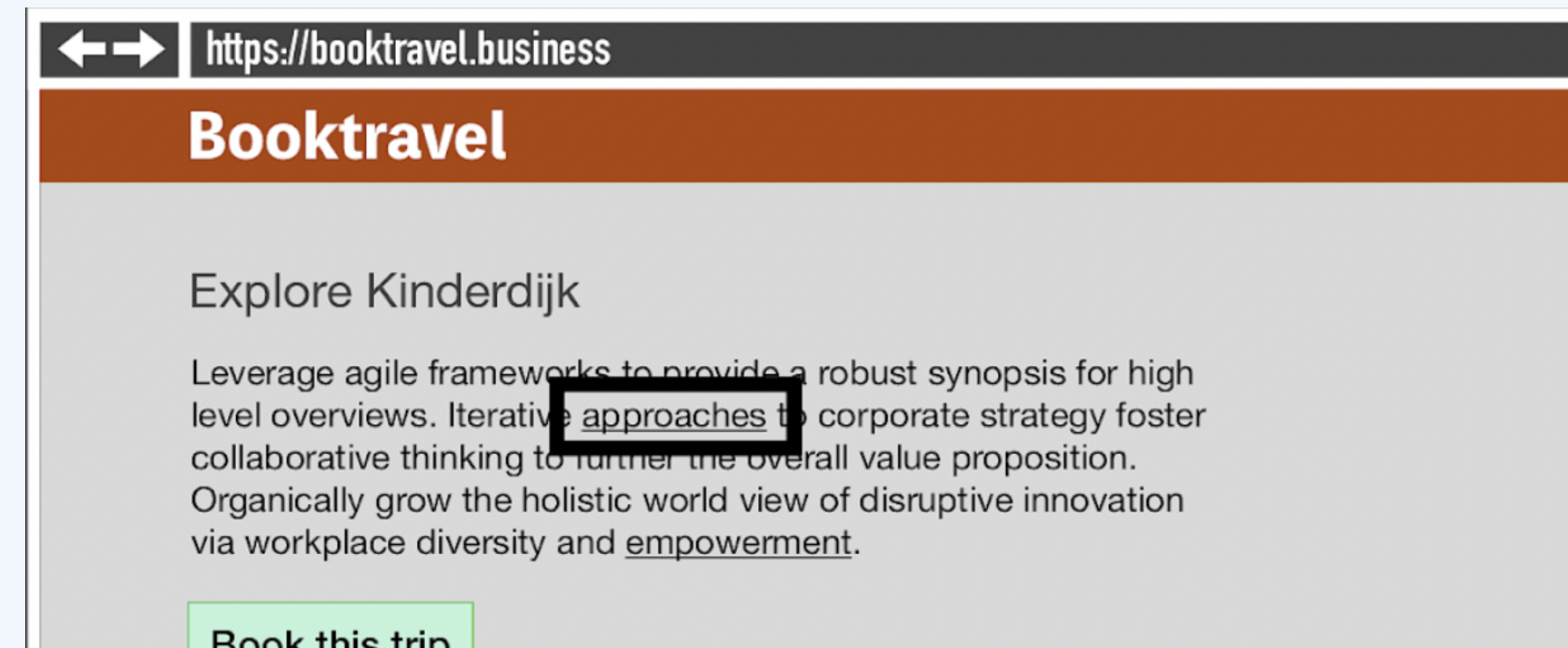
# Like web platform features...

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...

```
--nl-button-border-color: #2446AE
```

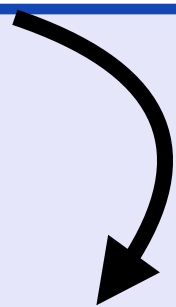
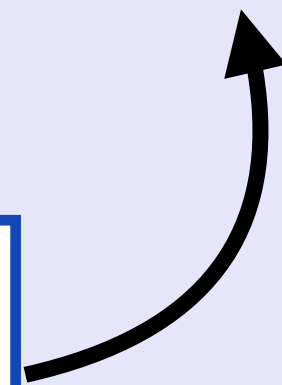
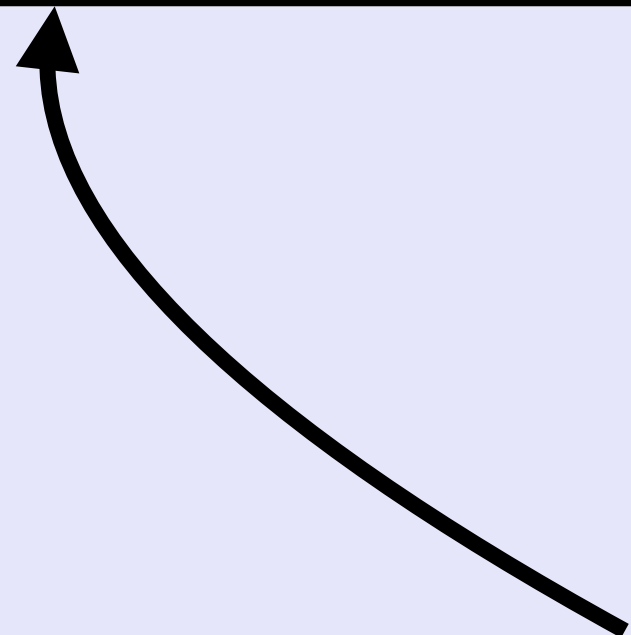


```
--nl-button-color: #2446AE
```



Save

```
--nl-button-background-color: #ffffff
```



“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