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Web Content Accessibility Guidelines - Tips and tricks

SIG-Marcomms workshop,
23 April 2021

Web Content Accessibility Guidelines - agenda

Quick Introduction (5 min)

(recent SIG-Marcomms session recap)

Why & what for (20min)

(mental design, recipients & users, digital exclusion)

How (30min)

(very basic workshop, what to look for)

But How (30min)

(how to change it, how to test it)

DIY (10min)

(free tools, links, tricks)

Questions & Discussion (20min)

(share your tips and tricks / experiences in this area, identify whether there is any need for further follow up in future meetings or via the mailing list?)

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VSTYSKA WCAG

It's a magic?

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It's a magic?

Very Simple Things You Should Know About
Web Content Accessibility Guidelines

Web Content Accessibility Guidelines

How (30min)

(very basic workshop, what to look for)

But How (30min)

(how to change it, how to test it)

DIY (10min)

(free tools, links, tricks)

Web Content Accessibility Guidelines

Keyboard: tab/trap/focus

Navigation: menu/order

Descriptions: alt/title

Page structure: H/TABLE tags

Design: contrast/colors/essential pictures
(graphics, icons, navigation)

Scalability: responsiveness/200% test/mobile/4K

Code errors: HTML/CSS/JS only

Web Content Accessibility Guidelines - guidelines

W3

- <https://www.w3.org/WAI/standards-guidelines/wcag/>
- <https://www.w3.org/TR/WCAG21/>

The four principles

- https://developer.mozilla.org/en-US/docs/Web/Accessibility/Understanding_WCAG
 - Perceivable: Users must be able to perceive it in some way, using one or more of their senses.
https://developer.mozilla.org/en-US/docs/Web/Accessibility/Understanding_WCAG/Perceivable
 - Operable: Users must be able to control UI elements (e.g. buttons must be clickable in some way — mouse, keyboard, voice command, etc.).
https://developer.mozilla.org/en-US/docs/Web/Accessibility/Understanding_WCAG/Operable
 - Understandable: The content must be understandable to its users.
https://developer.mozilla.org/en-US/docs/Web/Accessibility/Understanding_WCAG/Understandable
 - Robust: The content must be developed using well-adopted web standards that will work across different browsers, now and in the future.
https://developer.mozilla.org/en-US/docs/Web/Accessibility/Understanding_WCAG/Robust

Web Content Accessibility Guidelines - articles

Much, much better:

- <https://www.wuhcag.com/wcag-checklist/>

Checklist:

- <https://www.w3.org/TR/WAI-WEBCONTENT/full-checklist>

WCAG Guidelines:

- <https://www.w3.org/WAI/standards-guidelines/wcag/>

Visually:

- <https://www.w3.org/WAI/test-evaluate/preliminary/>

Report tool:

- <https://www.w3.org/WAI/eval/report-tool/#!/#%2F>

Accessibility for developers:

- <https://developer.mozilla.org/en-US/docs/Web/Accessibility>

Accessible Rich Internet Applications (ARIA):

- <https://developer.mozilla.org/en-US/docs/Web/Accessibility/ARIA>

Accessibility statement (sample):

- <https://rekrutacja.amu.edu.pl/en/deklaracja-dostepnosci>

Web Content Accessibility Guidelines - tools

Validators & Evaluation Tools:

- <https://wave.webaim.org/>
- <https://achecker.ca/checker/>
- <http://checkers.eiii.eu/en/pagecheck2.0/>
- <https://validator.w3.org/nu/>

Accessibility Simulator Toolbar

- <https://silktime.com/resources/toolbar/>

NVDA (Non Visual Desktop Access) - screen reader for Windows

- <https://www.nvaccess.org/>

Contrast tools:

- <https://webaim.org/resources/contrastchecker/>
- <https://chrome.google.com/webstore/detail/wcag-color-contrast-check/plnahcmalebffmaghpcmpaciebdhgdf>
- <https://www.tpgi.com/color-contrast-checker/>

VERY BAD INTERFACE

- <https://userinyerface.com/>

Questions & Discussion (20min)

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