

(Meet Pip!)

About Natalie

Bachelor of Arts in Media Informatics

Northern Kentucky University

Master of Science in Assistive
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California State University - Northridge

Certified Professional in Accessibility Core
Competencies

International Association of Accessibilty Professionals

Volunteer

Cincinnati Children's Hospital Medical Center

(+ listening to music, traveling (pre-COVID), open source)

WCAG* : A Developer's Best Friend

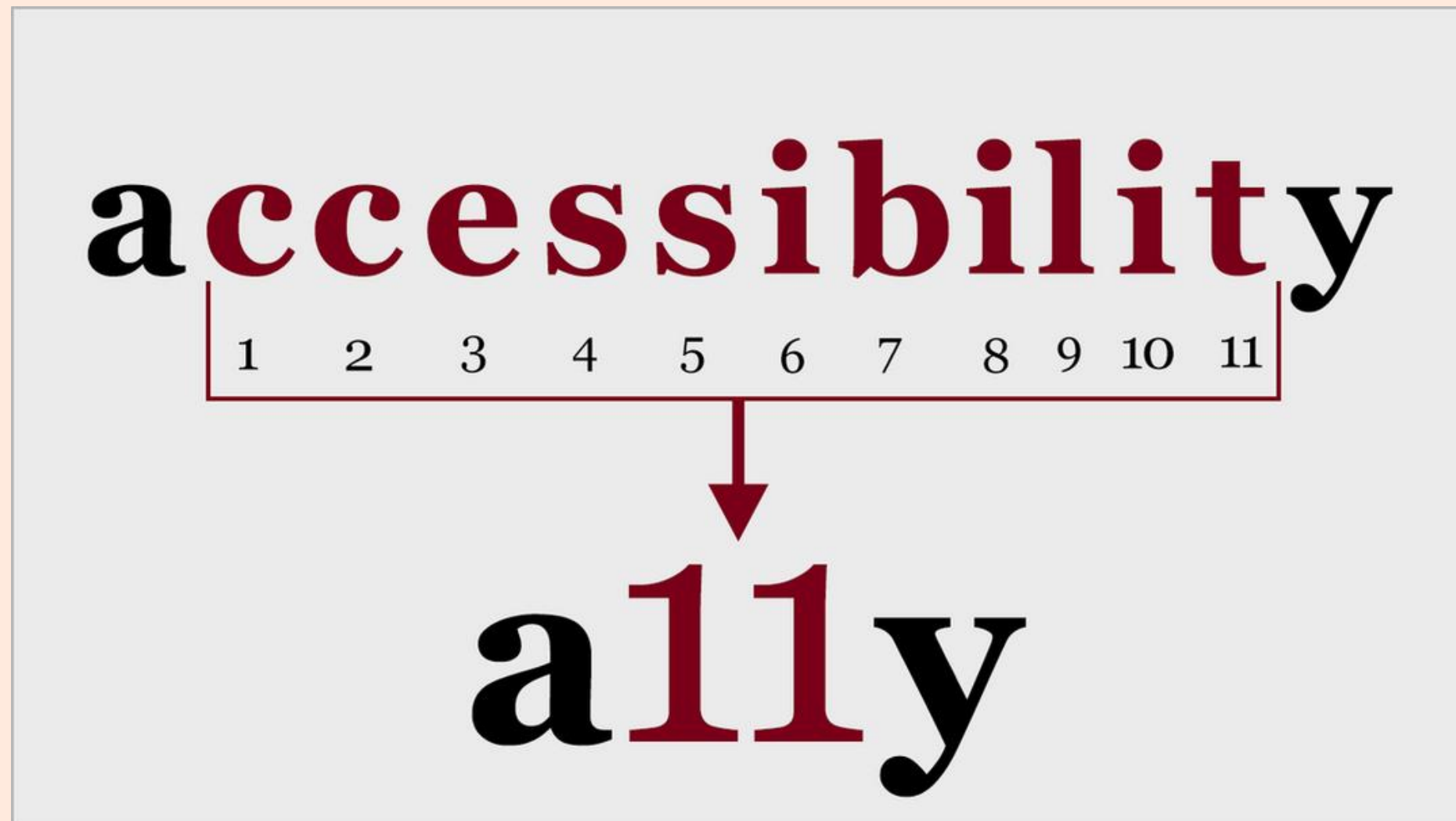
Presented By: Natalie Stroud

**= Web Content Accessibility Guidelines*



Old man from The Legend of Zelda tells Link: It's dangerous to go alone! Take this. He gives him a sword (*but let's think of the sword as WCAG*)

Accessibility (The Why)



The word accessibility but the second letter and twelfth letter are grouped with numbers one to eleven underneath. This makes the numeronym 'a11y'

Serves as a guide to creating web content that is accessible to everyone

Specific and technical

Provides documentation of failures and techniques to fix failures (*this includes code snippets, making it a developer's best friend!*)

Provides demonstration of who benefits from success criteria

What is the WCAG?

- Web Content Accessibility Guidelines
- "...developed through the W3C process in cooperation with individuals and organizations around the world" * (*W3C is the World Wide Web Consortium*)
- Explain how to make web content accessible for people with disabilities
- Divided into four (4) principles: Perceivable, Operable, Understandable, Robust (*also known as POUR*)
- Thirteen (13) guidelines that each contain sets of success criteria
- Three (3) conformance levels: A, AA, AAA
- Two (2) published versions and one (1) scheduled to publish in 2021

What is the WCAG?

Level A: Not meeting this level can pose challenges for assistive technology to fully navigate, operate, and/or read the site or page in question

Level AA: Means you would satisfy all Level A criteria; required for government and public body sites

Level AAA: Means you would satisfy all Level A and AA criteria; golden standard for accessibility

- Versions of WCAG are "backwards compatible"
- "WCAG is a technical standard, not an introduction to accessibility" *



Ralph Wiggum from the Simpsons sits on a bus, chuckles and says: I'm in danger.

Who is the WCAG For?

If you ask me? Everyone!

W3C says:

"WCAG is primarily intended for:

- Web content developers (page authors, site designers, etc.)
- Web authoring tool developers
- Web accessibility evaluation tool developers
- Others who want or need a standard for web accessibility, including for mobile accessibility

Related resources are intended to meet the needs of many different people, including policy makers, managers, researchers, and others." *

Where/How Do I Start?

First, if you are just learning about accessibility:

[Accessibility Principles - W3C](#)

Ready to get technical?:

[How to Meet WCAG \(Quick Reference\)](#)

START HERE

Feeling brave?:

[WCAG 2.1](#)

Questions?



Additional Resources

[Web Accessibility Tutorials | W3C](#)

[Empathy Prompts](#)

[WAI-ARIA Authoring Practices 1.1 | W3C](#)

[Index of ARIA Design Pattern Examples](#)

Contact Natalie

Have questions? Just want to chat?

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Thank you!



(Pip says bye!)