Web Accessibility

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What is Web Accessibility?

❖ Web Accessibility: removes barriers that prevent interaction with or access to websites for anyone with a disability.

❖ Web Content Accessibility Guidelines: covers a wide range of recommendations for making web content more accessible.

◦ WCAG 2.1 will be in effect January 18, 2018 .

❖ WCAG status is on a working draft by the Accessibility Guidelines Working Group.

Types of Disabilities

- ❖ Visual
- ❖ Auditory
- ❖ Physical
- ❖ Speech
- ❖ Cognitive
- ❖ Neurological
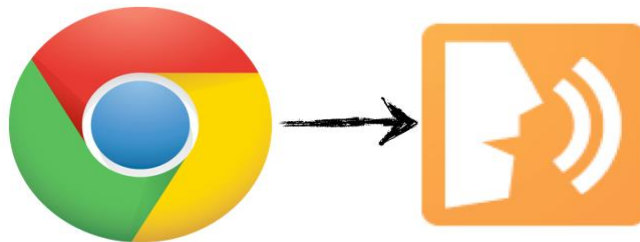- ❖ Aging-related

Tools for People with Disabilities

❖ Alternative keyboards
❖ Braille and refreshable displays
❖ Scanning software
❖ Screen magnifiers
❖ Screen readers
❖ Speech recognition
❖ Tabbing through elements
❖ Voice browsers

Visual Disability Tools

❖ Most common tool used by those visually impaired: ChromeVox
  ◦ Link to Chrome Extension Store:
    https://chrome.google.com/webstore/detail/chromevox/kgejglhpjiefppelpmljglcjbhoiplfn?utm_source=chrome-ntp-icon
  ◦ Video:
    https://www.youtube.com/watch?v=ZITAwinHQXg

Hearing Disability

❖ Best practices:
 ◦ Captions for videos, podcasts, or any type of audio.
 ◦ Transcripts of videos, podcasts, or any type of audio.
 ◦ Optional: Sign language.
❖ Captions and transcripts are more realistic to set up for this accommodation.

I think what you get when you come to York St John is not just a small community but you get to

1:17 / 4:14

Importance of Alternative Text

❖ Alternative Text (alt text): is an HTML attribute that goes along with image media, such as a picture. If a user hovers their mouse over a picture it will show the alternative text in a small box.

❖ This is critical for those with visual impairments.

If You Get a Complaint

- ❖ Alert specific people
    - ◦ Development Team
    - ◦ Administrators
    - ◦ Legal Console
- ❖ Confirm the problem exists
- ❖ Respond to OCR by date indicated
- ❖ ***All communications regarding any complaint will be documented along with corrective action plan.***
- ❖ Complaints can be prevented by routine audits by development team

WordPress Best Practices

- ❖ Follow Accessibility Guidelines with all content.
- ❖ Grandfather in eligible content with grandfather policy.
- ❖ Use tools like WP Accessibility.
  https://wordpress.org/plugins/wp-accessibility/

Tools

- ❖ 508 Checker: checks if your site meets 508 compliance.
  http://www.508checker.com/
- ❖ AChecker: checks with HTML5 markup with WCAG Level-AA conformance.
  https://achecker.ca
- ❖ Bureau of Internet Accessibility: will generate a free grade report to you for your website.
  https://www.boia.org/wc3-free-2-0-aa-report
- ❖ Chrome Accessibility Developer Tools Plugin: adds accessibility sidebar pane in the elements tab of Developer Tools.
  https://chrome.google.com/webstore/detail/accessibility-developer-t/fpkknkljclfencbdbgkenhalefipecmb?hl=en

More Information

❖ WCAG 2.1 Standards
https://www.w3.org/TR/WCAG21/
❖ Developing Accessible Websites
http://www.washington.edu/accessibility/web/
❖ ADA Website Accessibility Explained
https://www.youtube.com/watch?v=3IRqtXGrdNY
❖ How a Blind Person Uses a Computer
https://www.youtube.com/watch?v=UzffnbBex6c
❖ Hearing Disability
https://www.youtube.com/watch?v=kNKCWeJ4sOU

More
Information

Web Accessibility

HTTPS://1DRV.MS/P/S!AVUMTQMQAFKUSW2UHBB9SVQL8XPD