Let’s Discuss Accessibility and the Updates to WCAG 2.1

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Agenda

• Evolution of digital accessibility – How did we get here?
• Comparing WCAG 2.0 to 2.1
• Structure of WCAG
• Level A & AA success criteria changes
• Importance of manual testing
• How to start implementing WCAG 2.1

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WCAG 2.1 is a start, not the end.

Accessibility is not a project.

A project is “a temporary endeavor undertaken to create a unique product, service or result.”
   - According to the Project Management Institute

Accessibility is a Process.

It’s an all-hands-on-deck process and initiative, requiring input and contributions from nearly every team in your organization.
Roles

- Leadership
- Procurement
- Champion
- Project Management
- Designer
- Communications/Marketing
- Content Contributors
- Developers
- Quality Control (QA)
Today, let your thoughts run wild.

Creativity

Detail
Impacted populations

- Mobile
- Cognitive
- Low Vision
Why are you reorganizing WCAG?
How the WCAG are organized

- Principle
- Guideline
- Success criterion
- Sufficient technique
- Advisory technique
- Failure
The new level A & AA success criteria
Guideline 1.3
Adaptable
Orientation (1.3.4, AA)

Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.
Understanding Orientation
Identify Input Purpose (1.3.5, AA)

Providing the autocomplete attribute on form inputs including:

- name
- address
- cc-exp-year
- bday
- tel
- …and 49+ more

```html
<input type="tel" name="custtel" autocomplete="billing tel"/>
```
Understanding Identify Input Purpose
Guideline 1.4
Distinguishable
Reflow (1.4.10, A)

Page content can reflow to stay within the viewport when users zoom in up to 400%.
Non-Text Contrast (1.4.11, AA)

The following elements must have a color contrast ratio of 3:1 against adjacent color:

- User interface controls (form fields, links, and buttons)
- Placeholder text
- Parts of graphics required to understand content
- Focus states
Understanding Non-Text Contrast
We’re a people-centric software company driven by the desire to simplify website management and make the internet a better place. We’ve helped more than 7,000 organizations transform the way they manage their websites, making the web more inclusive in the process.
Content on Hover or Focus (1.4.13, AA)

Let’s talk about:
- Custom tooltips
- Sub-menus
- Pop-ups

When additional content appears on hover or focus, users:
- May not have intended this behavior
- May not know the new content has appeared
- Find that the new content interferes with their goal
Understanding Content on Hover or Focus

Position the additional content so that it does not obscure any other content—including the "trigger"—and ensure there’s a way to escape or close the tooltip.
Guideline 2.1
Keyboard Accessible
Character Key Shortcuts (2.1.4, A)

For shortcuts made up of a single-letter key, users must be able to:

- Turn off single-letter shortcuts
- Remap the shortcut to use one or more modifier keys (e.g. CTRL or ALT)
- Make the keyboard shortcut active only when a component is in focus
Guideline 2.5
Input Modalities
Pointer Gestures (2.5.1, A)

Ensure that content can be operated using simple inputs on a wide range of pointing devices.

Multi-point or path-based gestures include:
- Swiping
- Dragging
- Drawing a complex path (e.g. signature)
- Pinch-to-zoom
- 2-finger double-tap
Understanding Pointer Gestures
Let’s examine drag-and-drop to understand up versus down events.
Label in Name (2.5.3, A)

What **not** to do!
Mismatch between programmatic and visible label.

<button class="btn" aria-label="Get assistance">
  <i class="..."></i>
  Help
</button>
A better approach for Label in Name

This is a better approach. Match the programmatic and visible labels.

<button class="btn">
  <i class="..." aria-hidden="true"></i>
  Help
</button>
Motion Actuation (2.5.4, A)

Motion (such as shaking or tilting) may also be operated by user interface components and can be disabled.
Guideline 4.1 Compatible
Status Messages (4.1.3, AA)

Give each status message a proper role and aria-live container to alert users of important changes in content that are not given focus, which minimizes confusion and interruption.

Search

Accessibility

5 results found.
Remember how I said to let your thoughts run wild?
Rationales for action

- Aging
- Legal
- Situational Adaptations
It’s August, which means that it’s time to go back to school. Right now, you get 20% off accessibility courses when you purchase any of Siteimprove Academy’s single-user course packages. Offer ends 8/31/18.

Single-user course packages include:

• Accessibility for Leadership
• Accessibility for Content Contributors and Designers
• Accessibility for Web Developers
• Accessibility Champion (Includes all courses)

***Beginning on August 24, Siteimprove Academy users will have access to a brand-new course on WCAG 2.1. Take the learning beyond the webinar and learn more about the new success criteria and how WCAG 2.1 expands upon 2.0.
Let’s talk Questions?
Contact

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