ACCESSIBILITY   COMMUNITY   DESIGN   EVENTS   FACEBOOK   IDEAS   INDUSTRY   LINKS   STANDARDS

Blue Beanie Day

On Monday, November 26, 2007, don your blue beanie to show your support for web standards and accessibility.

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By L. Jeffrey Zeldman   19 November 2007   No Comments

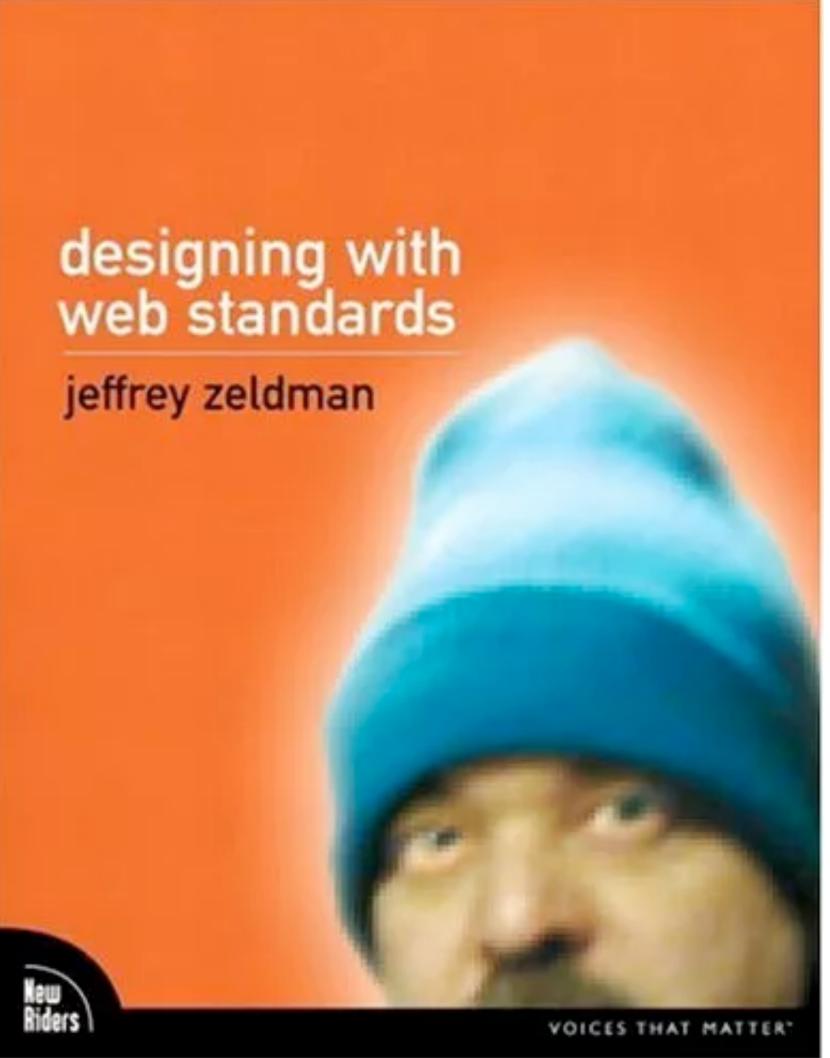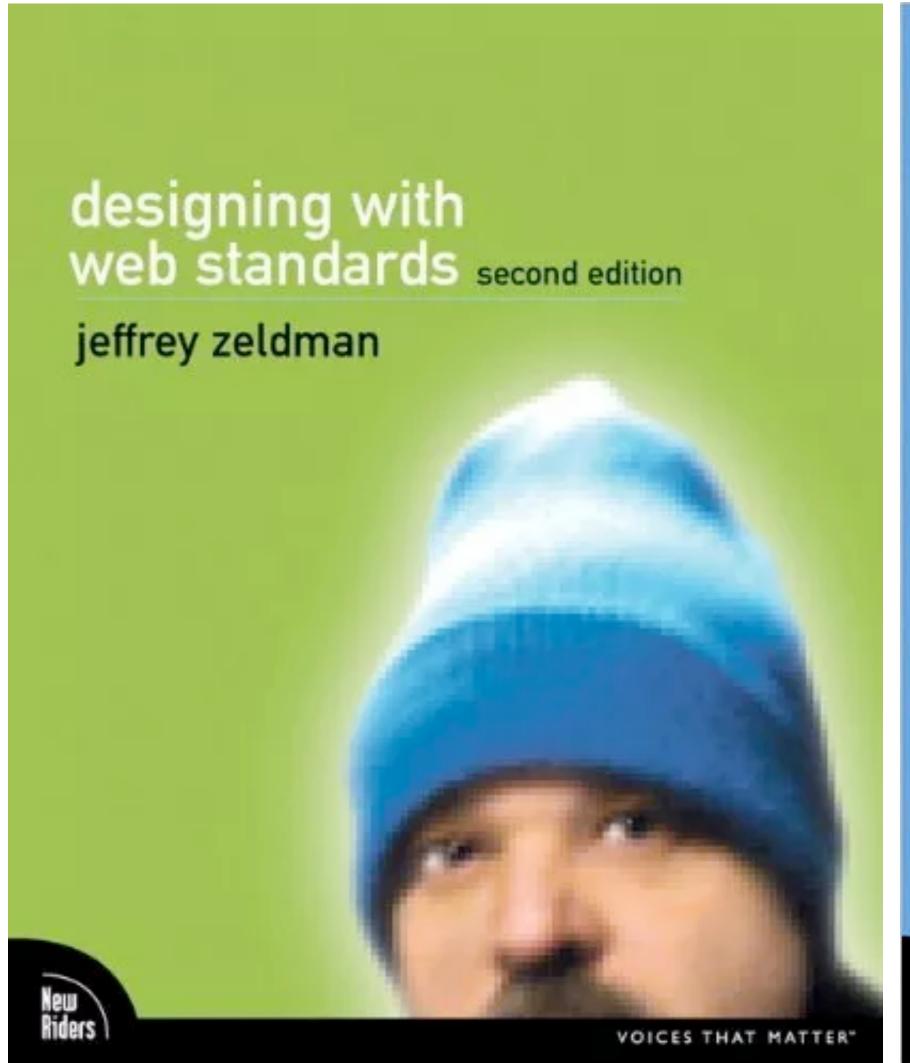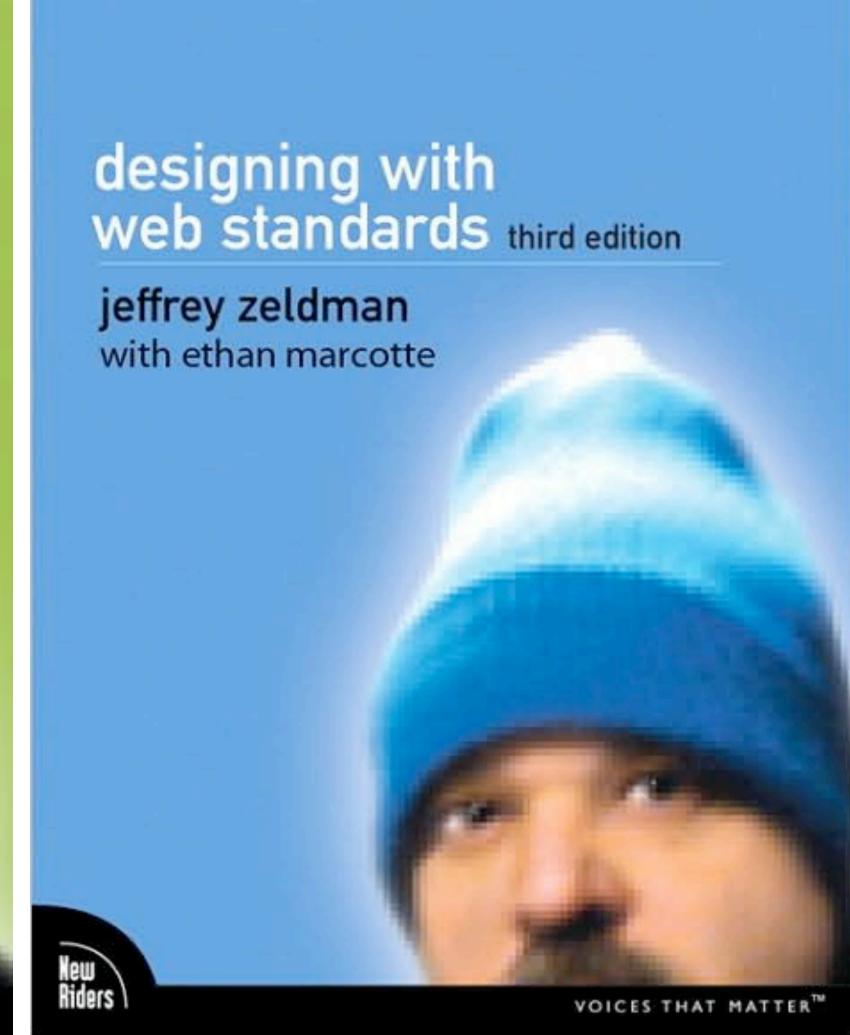BLUE BEANIE DAY   BROWSERS   STANDARDS   WEB DESIGN   WEBSITES

Blue Beanie Day II

Announcing the second annual second annual Blue Beanie Day! Please join us on Friday, November 28, 2008 to show your support for web standards and accessibility.

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TIL about the
European Accessibility Act

European Accessibility Act (EAA)

- EU directive that every member country incorporates into law

- harmonization of accessibility laws in different countries

- dates (individual countries may decide to require this sooner):

  - **2025-06-28** for new products and services

  - 2030-06-30 for all products and services

  - 2045-06-30 for terminals

European Accessibility Act (EAA)

- applies to products and services sold across the EU

  - services: E-commerce, banking services, audiovisual media services, communication services, E-books, various aspects of transport services

  - products: laptops, tablets, desktop computers; smartphones, smartwatches, VR headsets; terminals for payment, ticketing and self-service; TVs, set-top boxes, gaming consoles; E-readers; operating systems for the above

- all parts of the supply and distribution chain, help desks, tech support etc.

European Accessibility Act (EAA)

- exceptions:

  - disproportional burden

  - products created by micro-enterprises < 10 employees, < 2 million €

EN 301 549
Accessibility requirements

suitable for public procurement of ICT products and services in Europe

EN 301 549
Accessibility requirements

suitable for public procurement of information and communications technology products and services in Europe

EN 301 549

- European standard

- countries outside the EU that use this standard:
  Australia, Canada, Japan, India, Kenya

- applicable to non-web software and hardware

- includes WCAG 2.1 levels A and AA, but goes beyond (even for web)

EN 301 549

- scope:
  - ICT with 2-way voice communication
  - ICT with video capabilities
  - hardware
  - web
  - non-web documents
  - software
  - documentation and support services

EN 301 549

- requirements beyond WCAG (excerpt):
  - when building your own accessibility widgets (like changing contrast/color schemes, in-page text resizing, read-aloud functionality), they have to be accessible
  - don't rely on biometrics alone for authorization or control of ICT; provide alternatives to fingerprint, facial recognition, eye tracking
  - audio/video/captions controls
  - UI follow user preferences set in the OS for color and contrast, font type and size, focus color

EN 301 549

- requirements beyond WCAG (excerpt, cd.):

    - authoring tools (which include things like comment input fields) enable and guide production of accessible content

    - documentation of accessibility features

    - banking services: information must be at B2 or lower reading level

    - transport services: provide information about the accessibility of vehicles and infrastructure

Recommendations

- contact your lawyer

- check what applies

- do your testing – not just against WCAG, but against all of EN 301 549 & EAA

- check your supplies (3rd party embeds)

source: Wilco Fiers / Accessibility beyond WCAG: EAA & EN 301 549, *Inclusive Design 24 2024*

Web Content Accessibility Guidelines

Web Content Accessibility Guidelines (WCAG)

- international standard from W3C

- 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
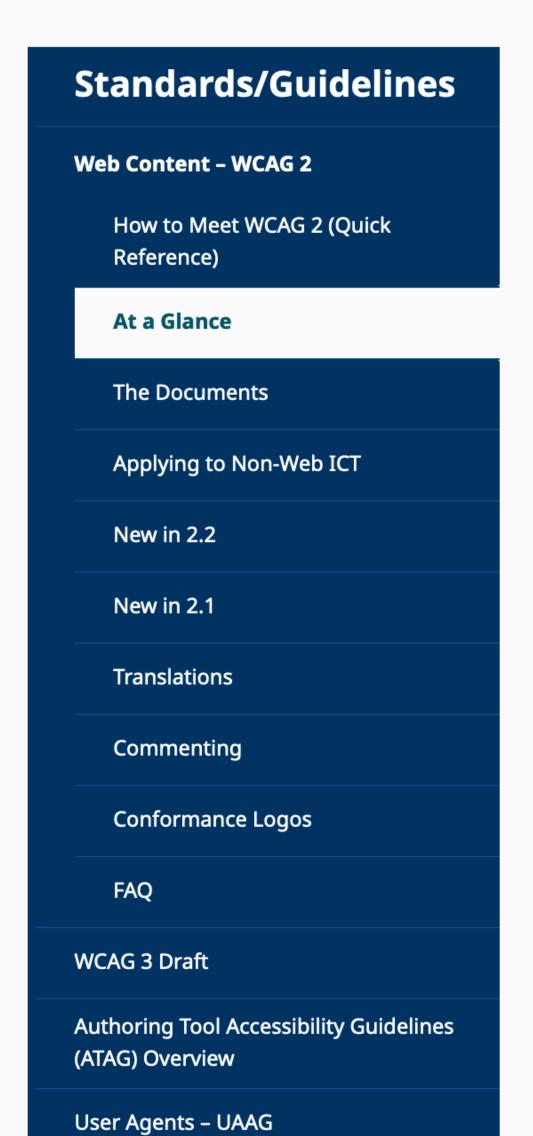
Web Content Accessibility Guidelines (WCAG)

- 13 guidelines

- 4 principles (POUR):

    - Perceivable

    - Operable

    - Understandable

    - Robust

Standards/Guidelines

Web Content – WCAG 2

How to Meet WCAG 2 (Quick Reference)

At a Glance

The Documents

Applying to Non-Web ICT

New in 2.2

New in 2.1

Translations

Commenting

Conformance Logos

FAQ

WCAG 3 Draft

Authoring Tool Accessibility Guidelines (ATAG) Overview

User Agents – UAAG

WCAG 2 at a Glance

Summary

This page provides a paraphrased summary of Web Content Accessibility Guidelines (WCAG) 2.1 and 2.2.

Please see the following key resources for learning about WCAG 2:

- **WCAG 2 Overview**
- **The WCAG 2 Documents**

The normative technical specifications are at www.w3.org/TR/WCAG22 and www.w3.org/TR/WCAG21

Guidelines

Perceivable

- Provide **text alternatives** for non-text content.
- Provide **captions and other alternatives** for multimedia.
- Create content that can be **presented in different ways**, including by assistive technologies, without losing meaning.
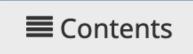- Make it easier for users to **see and hear content**.

Operable

How to Meet WCAG (Quick Reference)

A customizable quick reference to Web Content Accessibility Guidelines (WCAG) 2 requirements (success criteria) and techniques. **❯ Show About & How to Use**

W3C® Web Accessibility Initiative WAI

☰ **Contents** | ⚙ **Filter** | ❮ Hide

Selected Filters: **WCAG 2.2:** all success criteria and all techniques.

🔄 Clear filters | ➕ Expand **all** sections | 🔗 Share

Principle 1 – Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

Guideline 1.1 – Text Alternatives

Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, braille, speech, symbols or simpler language.

1.1.1 Non-text Content — Level A

All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below. **❯ Show full description**

ⓘ Understanding 1.1.1

❯ Show techniques and failures for 1.1.1

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Guideline 1.2 – Time-based Media

Provide alternatives for time-based media.

1.2.1 Audio-only and Video-only (Prerecorded) — Level A

For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such: **❯ Show full description**

ⓘ Understanding 1.2.1

Happy Blue Beanie Day!