

WEB DAY

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04 MARZO • ONLINE
CONFERENCE

Getting Started with Web Accessibility

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#WEBDAY2021

Introduction

- Frontend Developer
- Technical Writer
- Open Source Contributor

What is accessibility?

Accessibility involves designing and developing websites, apps, tools, and technologies so that people with disabilities can use them.

Web accessibility encompasses all disabilities that affect access to the web including;

- Auditory
- Visual
- Cognitive
- Neurological
- Physical
- Speech

Why is accessibility
important?

Web Content Accessibility Guidelines (WCAG).

WCAG Versions

- WCAG 2.0
- WCAG 2.1

P.O.U.R Principles

- Perceivable
- Operable
- Understandable
- Robust

Perceivable

- Text alt
- Time based media
- Adaptive Contents
- Distinguishable Contents

Operable

- Keyboard accessible
- Enough time
- Avoid seizures & physical reactions
- Navigable contents
- Input modalities

Understandable

- Readable contents
- Predictable contents
- Input assistance

Robust

- Compatible contents
- Accessible rich internet applications(WAI-ARIA)

Tools/Extensions to Check for Accessibility

- WAVE Web Accessibility Evaluation Tool
- Google Lighthouse
- Axe Browser Extension
- ChromeVox
- Color Contrast Analyzer

Small Steps to Getting Started

- Learn! Learn! Learn!
- Apply things learnt to your new projects
- Fix your mistakes

Tips

- No one expects you to know everything about everything.
- When new to accessibility it can get complicated very fast, so try and focus on one aspect at a time to avoid getting overwhelmed.
- Accessibility is not a “nice-to-have” but a “must-have”.

Resources

- [W3C-WAI site](#)
- [Introduction to Web Accessibility on edX](#)
- [Accessibility Checklist](#)

Thanks for Listening!

Do you have any questions?

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