Web Accessibility Resources and Tools: Guidelines, Checklists, and Testing Solutions

This document lists resources, tools, and guidelines for developing and evaluating accessible web content.

CHECKLIST

- ⭐ The Web Content Accessibility Guidelines (WCAG): A comprehensive checklist based on WCAG, providing guidelines for creating accessible web content.

ACCESSIBILITY GUIDANCE

Community and Official Resources

Community-Driven Resources

- ⭐ [The A11Y Project](#): A community-driven resource that aims to make accessibility easier to understand and implement.
- [A11y Coffee](#): A resource offering practical tips and advice for web accessibility.

Official Documentation

- ⭐ [MD Accessibility](#): Mozilla Developer's guide to web accessibility.
- [Understanding WCAG 2.0](#): Direct link to the official documentation explaining the Web Content Accessibility Guidelines.
- [Web Accessibility Tutorials](#): Official tutorials provided by the Web Accessibility Initiative (WAI).

Articles and Tutorials

Introduction to Accessibility

- [Accessibility](#): Link to W3C's accessibility standards.
- [Handling common accessibility problems](#): Guidance on handling common accessibility issues from Mozilla.

Keyboard Accessibility

- ⭐ [Keyboard Accessibility](#): In-depth guide to keyboard accessibility.
- [Keyboard](#): Information on keyboard accessibility from Mozilla.

ARIA and Screen Reader Guidance

- [Accessibility features in Firefox](#): Information on accessibility features in the Firefox browser.
- [ARIA in HTML](#): Direct link to the specification for Accessible Rich Internet Applications (ARIA) in HTML.

Testing Standards

- ⭐ [SSA 508 Test Method](#) Guidance on The Social Security Administration's Accessibility Test Method.

Insights and Case Studies

- [What we found when we tested tools on the world's least-accessible webpage](#): Insights from testing tools on an inaccessible webpage.
- [This guide is unreadable](#): A bad practice guide to digital accessibility.

FREE TOOLS

Browser Tools

Testing and Evaluation Tools

- ⭐ [Lighthouse](#): Google's tool for web performance and accessibility.
- [Axe](#): A popular accessibility testing toolkit.

Browser Extensions

- ⭐ [Accessibility Insights](#): Microsoft's tool for identifying accessibility issues.
- [ARIA DevTools](#): A tool to view missing ARIA labels, misused ARIA roles, and incomplete keyboard support.
- [WAVE Evaluation Tool](#): A web accessibility evaluation tool developed by [WebAIM.org](#).

Standalone Software

- [Pa11y](#): Command-line tool for automated accessibility testing.
- [Asqatasun](#): Open-source tool for automated accessibility testing.

Web-Based Tools

Contrast Checkers

- ⭐ [Contrast Checker](#): WebAIM's contrast checker tool.
- [Color Contrast Accessibility Validator](#): Tool for checking colour contrast.

Accessibility Testing Tools

- ⭐ [WAVE](#): WebAIM's tool for evaluating web accessibility.
- [Tingtun Checker](#): Web-based accessibility checker.
- [HTML_CodeSniffer](#): A browser extension for code-level accessibility testing.
- [tota11y](#): JavaScript library for visualising accessibility issues.

NOTES

- **Starred Tools (⭐)**: These are recommended starting points for those needing high-priority tools.