

Accessibility & Multi-Screen Design

Checking Accessibility

Disclaimer

This course is not a W3C course.

Views expressed are my own.

Dies ist kein W3C-Kurs.

Alle Ansichten sind meine Eigenen.

Easy Checks helps you start to assess the accessibility of a web page. With these simple steps, you can get an idea whether or not accessibility is addressed in even the most basic way.

Before and After

Demo

JavaScript Bookmarklets for Accessibility Testing

Bookmarklets for Accessibility Testing use JavaScript to highlight roles, states, and properties of accessibility elements on the page. They are accessible to screen reader users and work on any browser including mobile phones.

Drag and drop the Install Link into your bookmarks bar to use in any browser. Most bookmarklets have an inaccessible Demo Page where you can test how the bookmarklet works live.

On Android devices bookmarklets must be activated via the browser search bar typing in the name of the bookmark otherwise it will not work just by tapping the bookmark normally like on iOS.

Bookmarklets now support accessibility testing of same-domain <iframe> elements but not cross-domain iframes.

Bookmarklets are also available as a standalone [a11yTools Extension for Safari macOS](#).

Bookmarklet Demo Pages and Installation Links

| Bookmarklet | Demo Page | Install Link |
|-------------------------|----------------------------------|-----------------------------|
| ARIA | ARIA | ARIA |
| Images | Images | Images |
| Forms | Forms | Forms |
| Headings | Headings | Headings |
| Tables | Tables | Tables |
| Landmarks | Landmarks | Landmarks |
| Page Title | | Page Title |
| Lang | Lang | Lang |
| TabIndex | TabIndex | TabIndex |
| Title Attributes | Title Attributes | Title Attr |
| Iframes | Iframes | Iframes |
| Lists | Lists | Lists |
| Force Show Focus | Force Show Focus | Force Focus |
| Reset Page | Reset Page | Reset Page |
| Grayscale | Grayscale | Grayscale |
| aXe Console.log | aXe Console.log | aXe Console |

<http://pauljadam.com/bookmarklets/>

GitHub Repo: <https://github.com/pauljadam/bookmarklets>

TODO: <select onchange>?, & Visual Icons. Disable CSS? <audio><video>?, onclick events?, Potential Headings?

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JavaScript Bookmarklets for Accessibility Testing

Easy Checks

10 Aspects

Not exhaustive!

1. Page Title

2. Image Text Alternatives

3. Headings

4. Contrast Ratio

5. Resize Text

6. Keyboard Access and Visual Focus

7. Forms, labels, and errors

8. Moving, Flashing, or Blinking Content

9. Multimedia (video, audio) alternatives

10. Basic Structure Check

Thanks!