VINYL™

App Accessibility Checklist

Vinyl apps should strive to adhere to design best practices and industry standards to the extent possible. Accessibility is a critical pillar of app design which allows users to perceive, understand, navigate, and interact with an app. Accessibility Guidelines outlined in this guide aim for optimal usability, user experience, and engagement with Vinyl apps. The App Accessibility Checklist should be used by a Vinyl Developer as a tool to review an app to help identify any areas for improvement.

TYPEFACE AND FONTS /

The typeface and fonts used in a Vinyl app have significant impact on usability and readability. Check to ensure the Typography guidelines described in the Vinyl App Design Checklist are adhered to.

To check font size and type used:

1. **Right click** on the page you want to review and select **Inspect Element** (Firefox), **Inspect** (Chrome), or **F12 Developer Tools** (Edge).
2. **Select Inspector** (Firefox) or **Computed** (Chrome) in the new bottom windows and scroll down on the right until you reach Font or font-size. It should show the font family, specific font used, its size, its color, and anything else the page defines.

COLOR CONTRAST /

Color and contrast are vital to *accessibility* and *impact* an app in terms of *overall usability*. Try and use colors that provide maximum contrast for best legibility. Check that areas of your app conform or Pass the Color Contrast guidelines.

MOBILE AND TOUCH /

Vinyl apps intended for mobile and touch screen usage should, at a minimum, be **tested** and **reviewed** for the components listed in the guidelines. The **best tools** to test with are actual devices. If you don't have access to devices for testing, you can use an online paid service like BrowserStack. Alternatively, there are lesser quality options including using your browser emulator or simulator to test mobile and tablet devices. Google also offers an online Mobile-Friendly utility to test for mobile: https://search.google.com/test/mobile-friendly

VINYL™

App Accessibility Checklist

TYPEFACE AND FONTS /

Proper text size is used throughout app. Titles should be larger than body text, body fonts should be around 16pt when possible.

Sufficient color contrast exists between text and the background.

If client does not have brand/style guidelines, follow additional typography guidelines

Fonts used are simple, familiar, and easily read.

Number of fonts used per app is kept to a minimum. 2-3 max typefaces per app is best practice, typically with one defined for headings and a different one for body text.

Links should be underlined and ideally colored blue, or differently to regular text.

COLOR CONTRAST /

Text color should always have sufficient contrast against its background color.
Web browser inspector tool will often provide this contrast ratio information.

MOBILE AND TOUCH /

Fonts are legible throughout the app.

Content on screen renders properly and is readable.

Clickable elements need to be large enough for users to easily interact with. At a minimum, elements should be at least 32px x 32px to make sure they are easily clickable on mobile devices.

Interactive buttons and links can be easily used.

Forms allow for ease of use with manual data entry, and are totally functional for users navigating with only a keyboard.

VINYL™

App Accessibility Checklist

RESOURCE LINKS

- **WebAIM.org** Institute for Disability Research, Policy, and Practice

- **https://webaim.org/resources/contrastchecker** WebAIM Contrast Checker

- **http://web-accessibility.carnegiemuseums.org/design/color** Color and contrast web guidelines

- **https://fontjoy.com** Utility to generate font pairings to use

- **https://www.browserstack.com** App and Browser testing

- **https://search.google.com/test/mobile-friendly** Google's Mobile-Friendly Test Utility