

Primary Colors:

Gray (Hex: #A9A9A9)

-Gray is a neutral color that provides balance and sophistication. It serves well as a background or secondary color, helping to highlight primary content without overwhelming the user.

White (Hex: #FFFFFF)

-White is used for its clean and minimalistic appearance, promoting clarity and focus. It is typically used for backgrounds to ensure readability and contrast with other elements.

Black (Hex: #000000)

-Black is a strong, authoritative color that can be used for text and other elements requiring high contrast. It ensures readability and provides a striking contrast against lighter backgrounds.

WCAG Color Contrast Compliance

Text and Background Contrast

-Small Text (Fonts < 18 pt Regular, or 14 pt Bold):

-Contrast Ratio: 4.5:1 (AAA: 7:1)

- Large Text (Fonts > 18 pt Regular, or 14 pt Bold):**

-Contrast Ratio: 3:1

Clickable Text Elements in a Block of Text

-Contrast Ratio: 3:1

User Interface Components and Important Visual/Graphic Elements

Black (#000000) on White (#FFFFFF):

- Contrast Ratio: 21:1

Gray (#A9A9A9) on White (#FFFFFF):

- Contrast Ratio: 2.59:1

White (#FFFFFF) on Blue (#1E90FF):

- Contrast Ratio: 4.29:1

Recommendations for Compliance

Small Text (Fonts < 18 pt Regular, or 14 pt Bold):

- Use Black (#000000) on White (#FFFFFF) for all small text to ensure readability and compliance with the 4.5:1 contrast ratio (AAA 7:1).

To ensure our web project meets accessibility standards, we need to focus on these key areas and requirements:

Text and Background Contrast

For small text (under 18 pt Regular, or 14 pt Bold), we need a contrast ratio of at least 4.5:1. For AAA compliance, it should be 7:1. For large text (over 18 pt Regular, or 14 pt Bold), the contrast ratio should be at least 3:1.

Clickable Text Elements

Clickable text elements must have a contrast ratio of at least 3:1. It's also a good practice to underline clickable text for clarity.

User Interface Components and Graphics

User interface components and important visual/graphic elements should have a contrast ratio of at least 3:1.

Areas to Review

1. Body Text:

- We need to ensure all body text meets the 4.5:1 contrast ratio, for example, using Black (#000000) on White (#FFFFFF).

2. Headings and Larger Text:

- All headings and large text elements should have a contrast ratio of at least 3:1. An example would be Blue (#1E90FF) on White (#FFFFFF).

3. Links and Clickable Text:

- Links and clickable text elements should have a contrast ratio of at least 3:1 and should be underlined for better visibility, such as Black (#000000) on White (#FFFFFF).

4. Buttons and Interactive Elements:

- Ensure buttons and other interactive elements meet a contrast ratio of at least 3:1, like Blue (#1E90FF) on White (#FFFFFF).

5. Navigation Menu:

- Text in the navigation menu should meet a 3:1 contrast ratio.

6. Images and Graphics:

- Important visual elements should meet a 3:1 contrast ratio to be easily distinguishable.

By focusing on these areas and making necessary adjustments, our web project will meet accessibility standards and provide a better user experience for everyone.