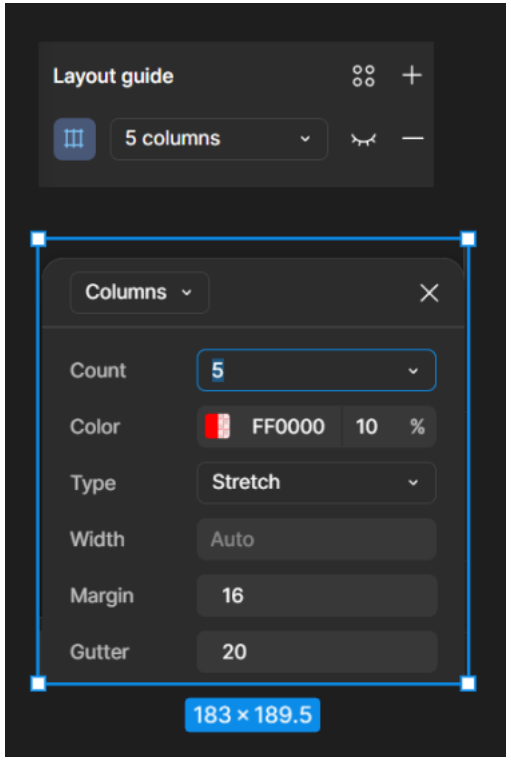
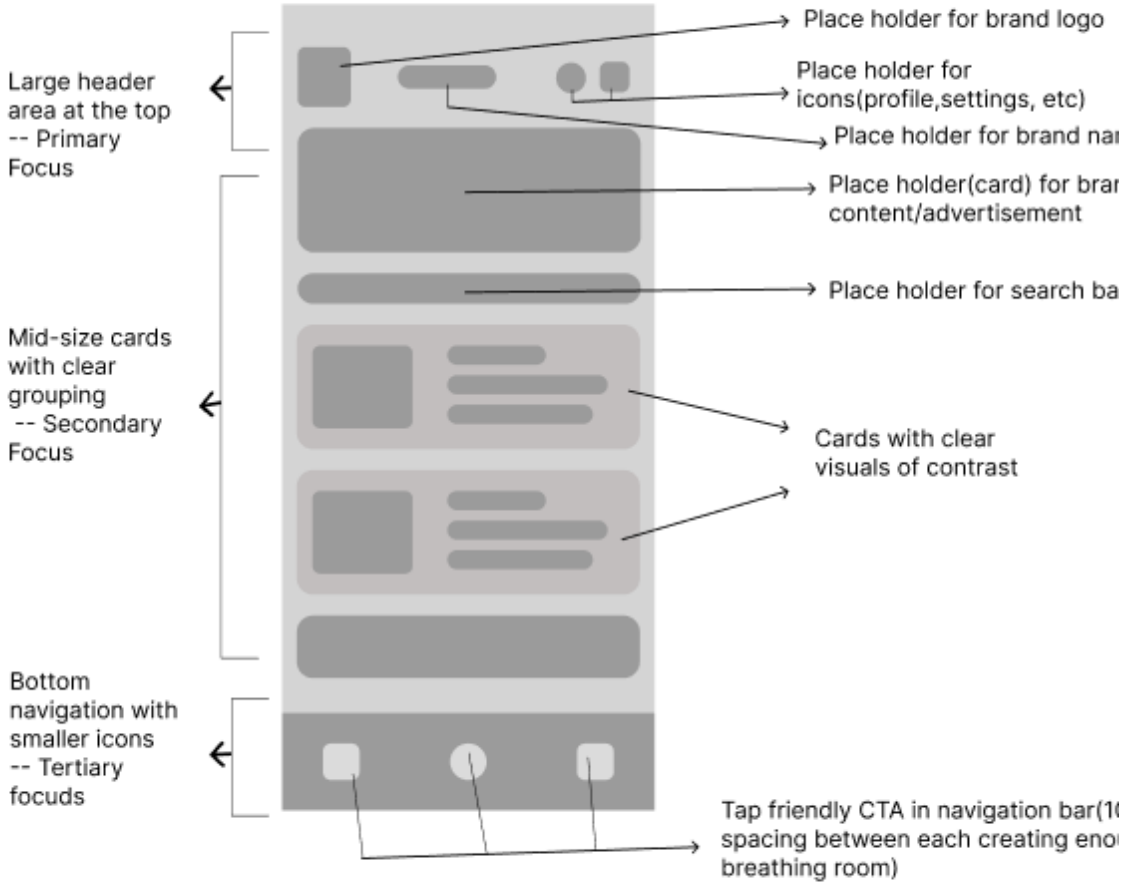
Wireframe with Visual Hierarchy and WCAG Compliant Color Contrast

...

And the spacing used is in multiple of 4 (like 24, 36, 104) between cards and other elements.



Q. Create a low-fidelity wireframe that demonstrates proper visual hierarchy, spacing, contrast, and alignment to ensure readability and usability.

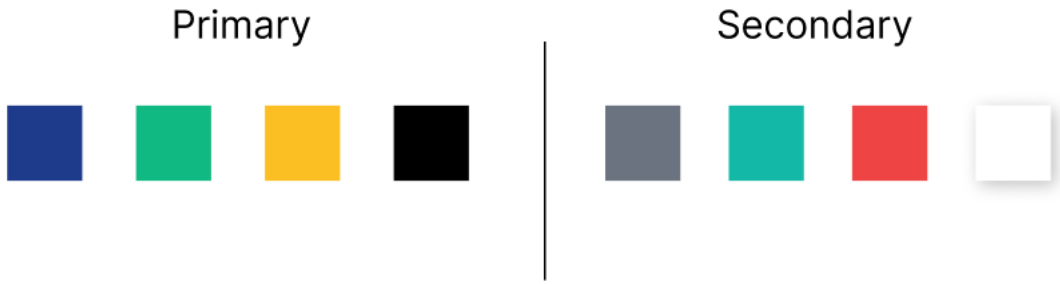


2. Develop a color palette with at least three primary colors and three secondary colors, ensuring accessibility compliance.

 # Use contrast-checking tools to verify compliance with WCAG AA and AAA standards.

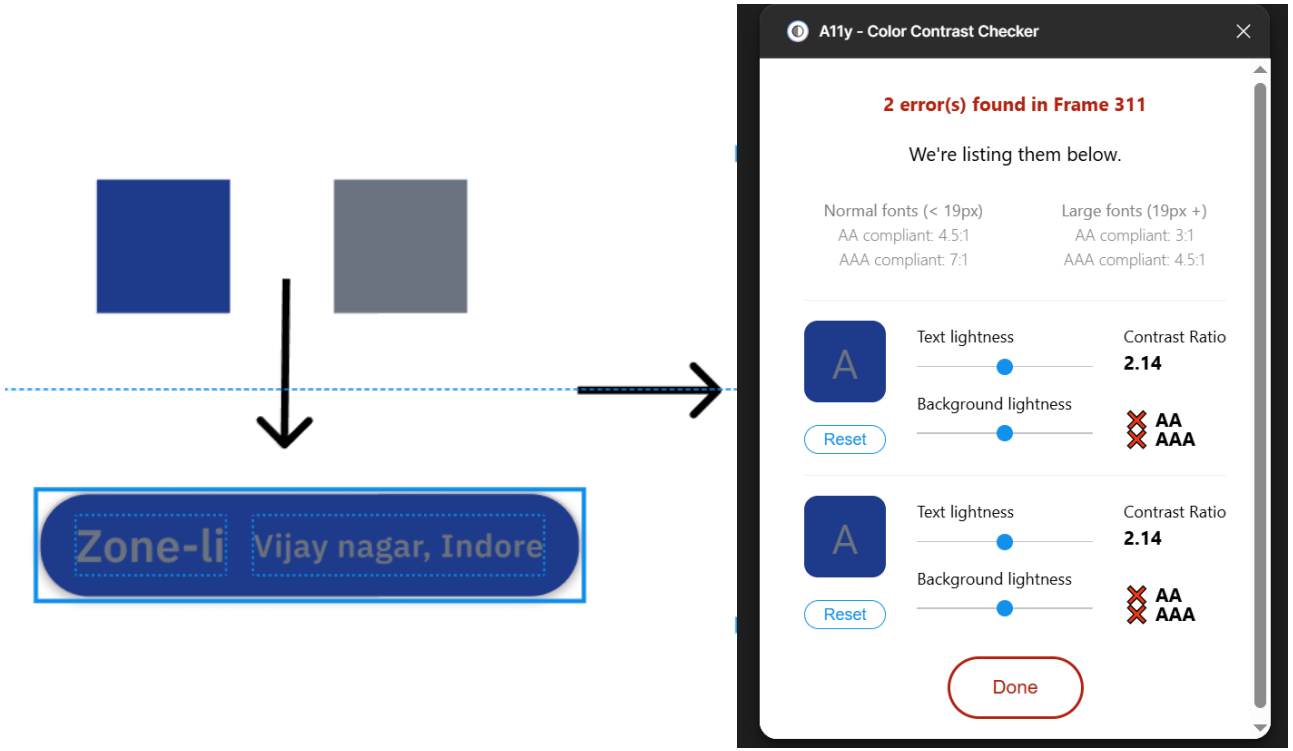
 # Document the contrast ratio results for different color combinations.

Color Palette

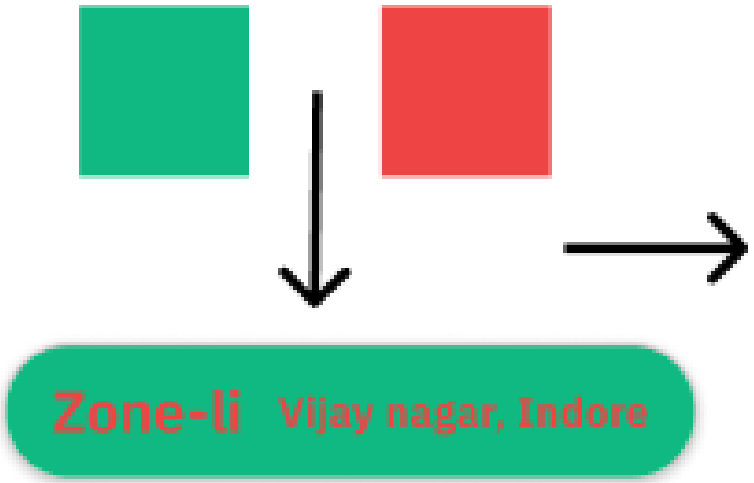


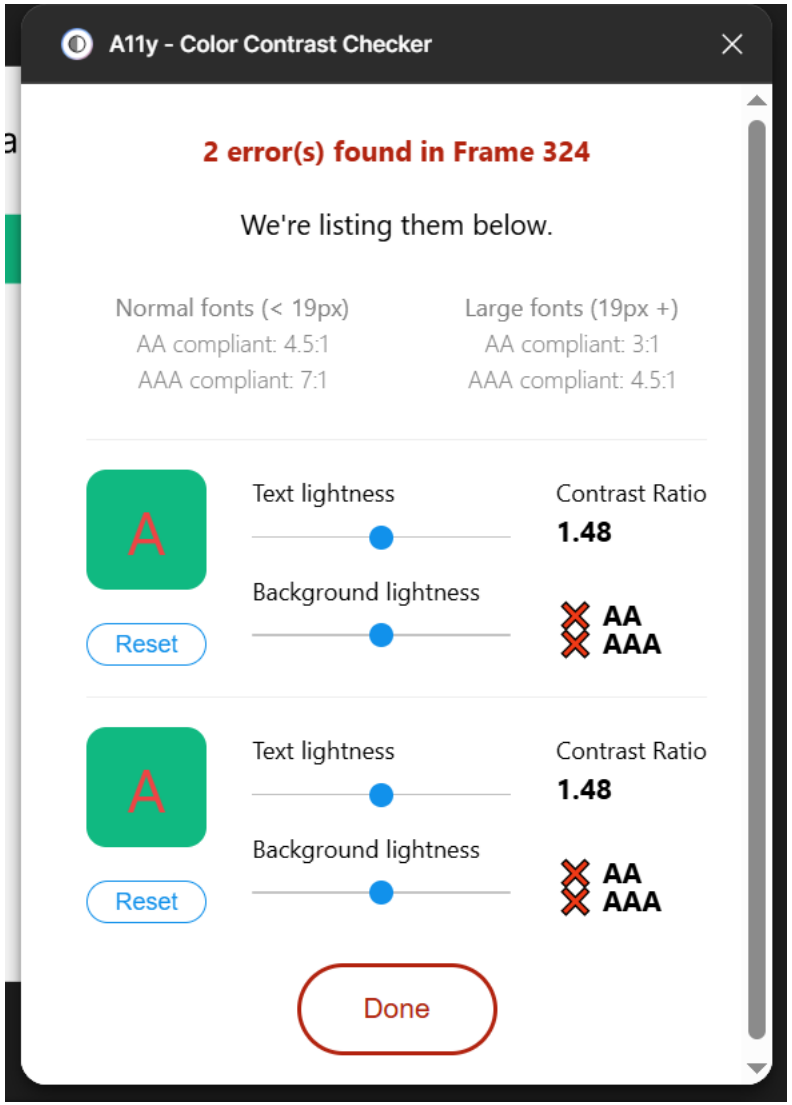
Contrast-checking to verify compliance with WCAG AA and AAA standards

- 1st

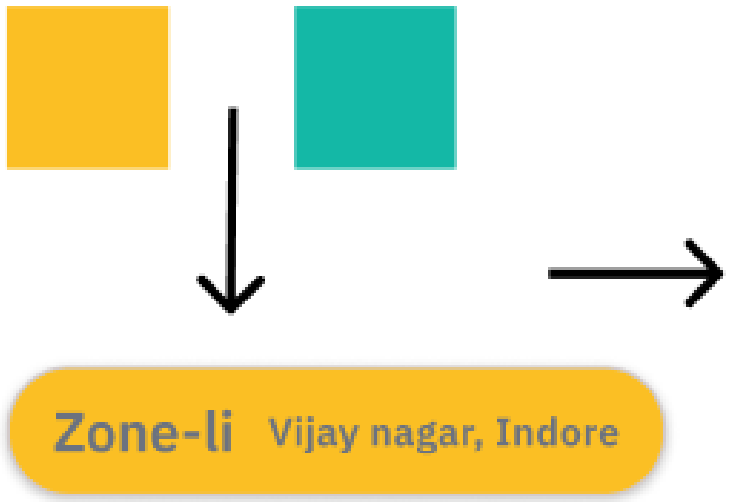


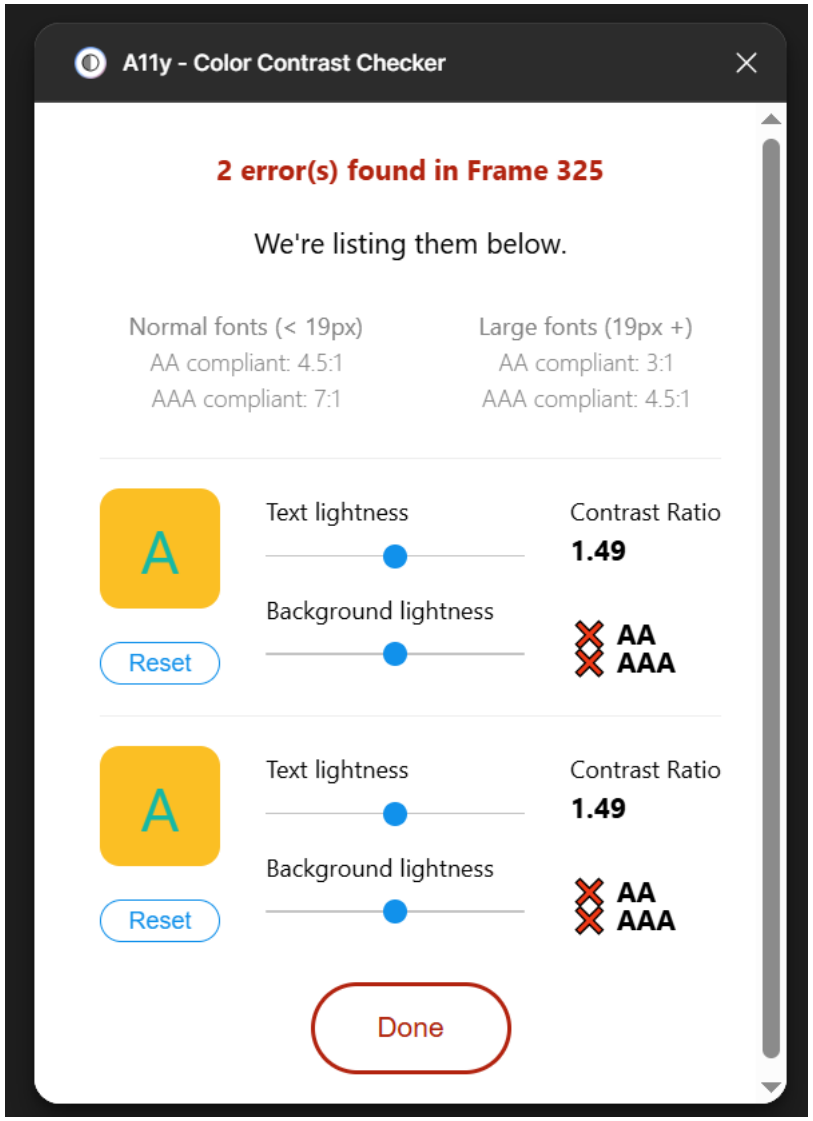
2nd


Zone-li Vijay nagar, Indore

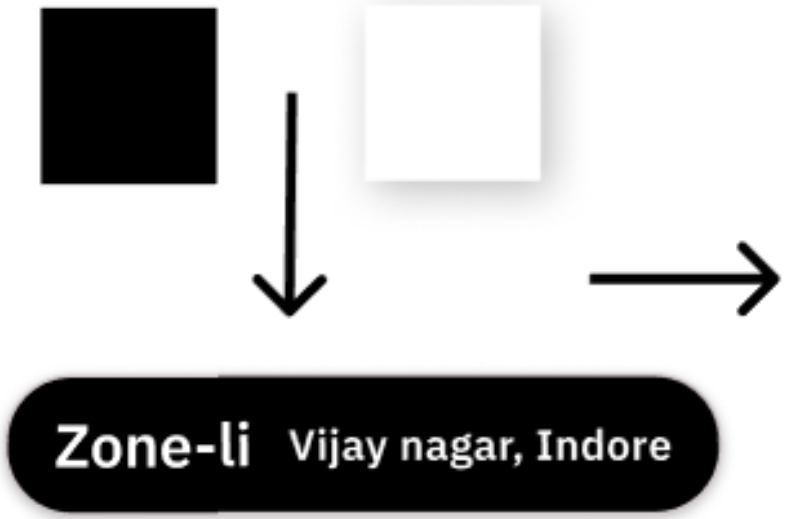

A11y - Color Contrast Checker
2 error(s) found in Frame 324
We're listing them below.
Normal fonts (< 19px)
AA compliant: 4.5:1
AAA compliant: 7:1
Large fonts (19px +)
AA compliant: 3:1
AAA compliant: 4.5:1
A
Text lightness
Contrast Ratio
1.48
Background lightness
AA
AAA
Reset
A
Text lightness
Contrast Ratio
1.48
Background lightness
AA
AAA
Reset
Done

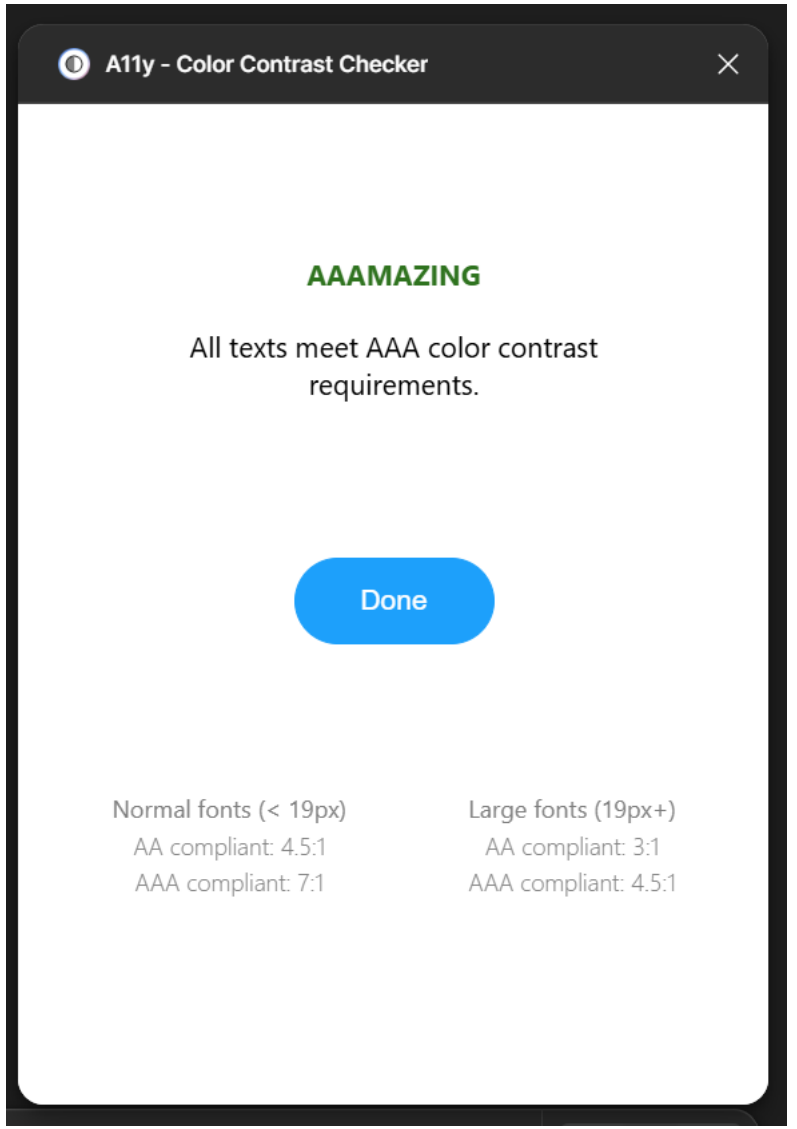
3rd


Zone-li Vijay nagar, Indore


A11y - Color Contrast Checker
2 error(s) found in Frame 325
We're listing them below.
Normal fonts (< 19px)
AA compliant: 4.5:1
AAA compliant: 7:1
Large fonts (19px +)
AA compliant: 3:1
AAA compliant: 4.5:1
A
Text lightness
Contrast Ratio
1.49
Background lightness
Reset
AA
AAA
A
Text lightness
Contrast Ratio
1.49
Background lightness
Reset
AA
AAA
Done

4th


Zone-li Vijay nagar, Indore


A11y - Color Contrast Checker
AAAMAZING
All texts meet AAA color contrast requirements.
Done
Normal fonts (< 19px)
AA compliant: 4.5:1
AAA compliant: 7:1
Large fonts (19px+)
AA compliant: 3:1
AAA compliant: 4.5:1

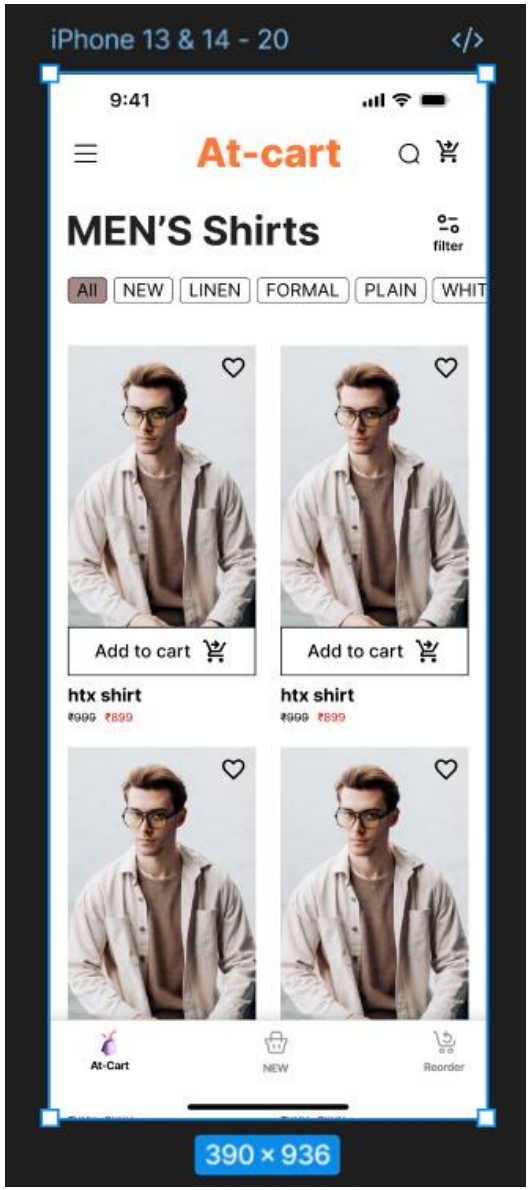
Q3. Select a simple UI layout to structure, such as a login screen, dashboard, or product listing page.

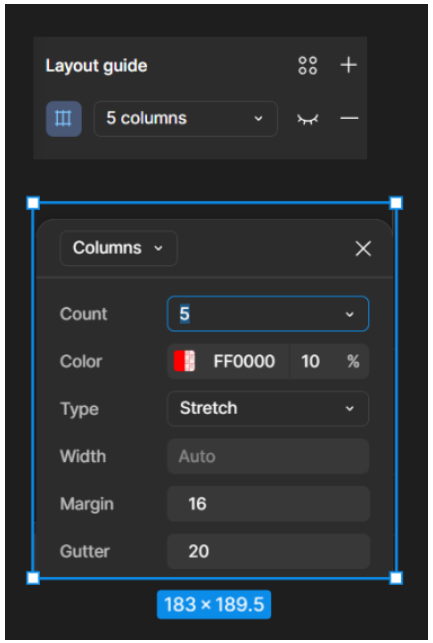
 # Apply visual hierarchy principles to guide user focus.

 # Ensure consistent spacing and alignment to create a structured design.

The UI of product listing page

The spacing used is in multiple of 4 (like 24, 36, 104) between cards and other elements & grid details in screenshot image



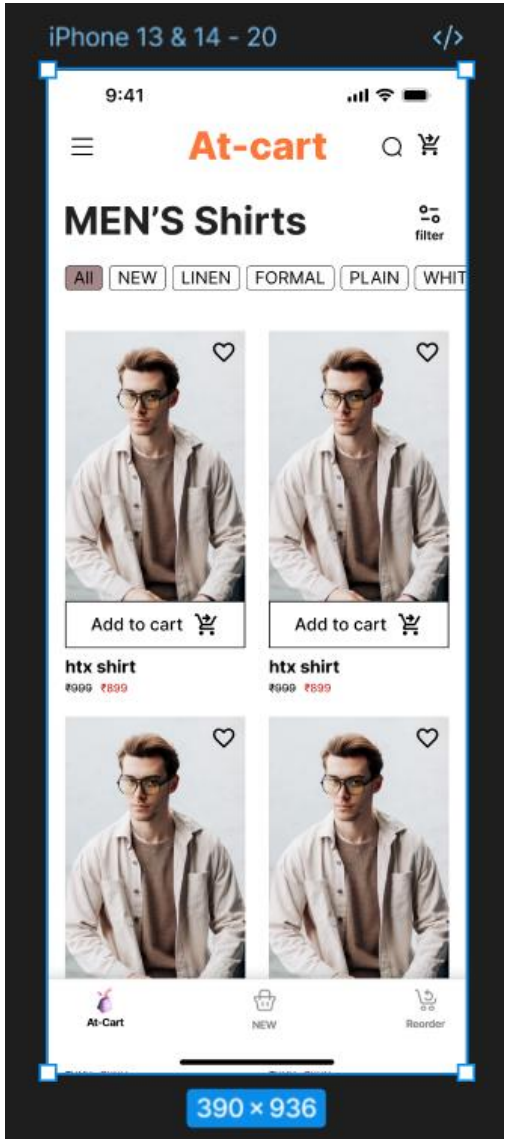


- 1. Hierarchy through Typography

The large text - “MEN's Shirt” immediately captures attention - this act as PRIMARY FOCUS

The brand name “At-cart” in bold red has strong contrast and color dominance, acting as the SECONDARY FOCUS.

Smaller text like “Add to cart,” price tags, and filter labels form the TERTIARY LEVEL, helping users make quick decisions after identifying the product.

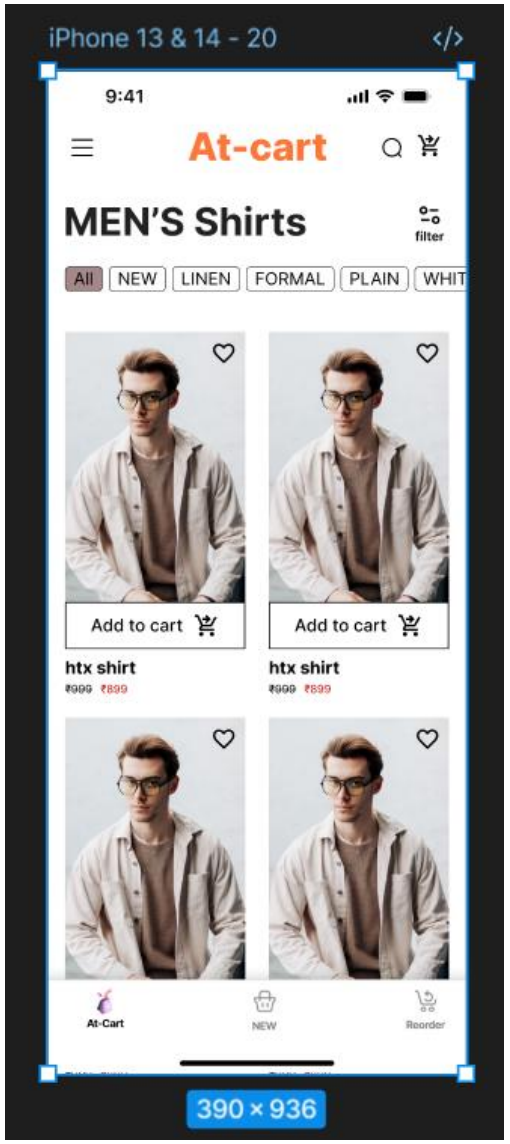


- 2. Hierarchy through Color & Contrast

• The red logo (“At-cart”) pops against the white background — instantly draws the eye.

• Black text for “MEN’S Shirts” establishes clarity and neutrality.

• The gray filters and product details recede slightly so they don’t compete with the main product visuals.

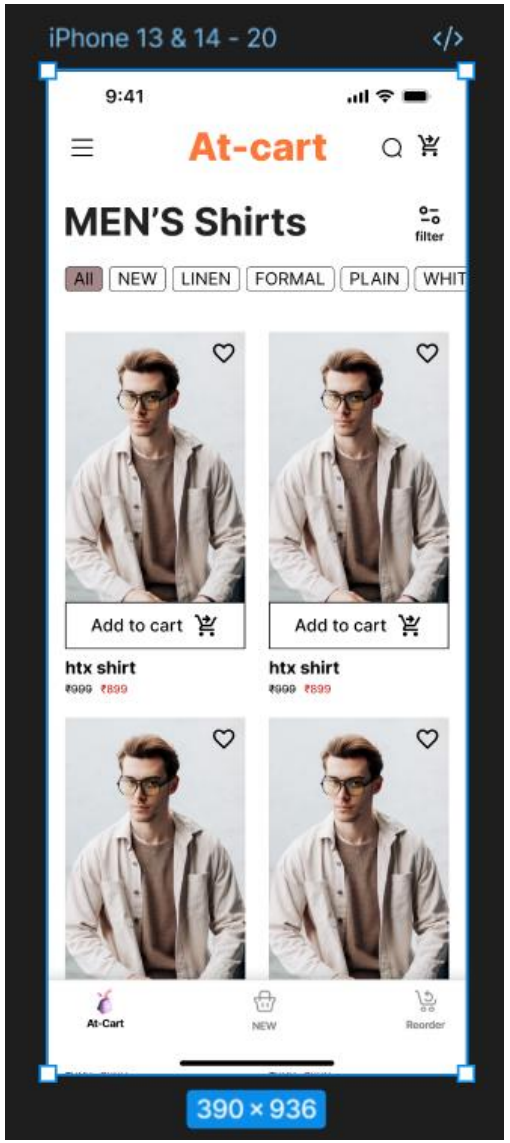


- 3.Hierarchy through Spacing & Alignment

• Consistent grid alignment between images, text, and buttons builds rhythm.

• Adequate white space around each card separates products clearly, reducing clutter.

• The top section (filters and title) has more vertical padding — signaling its importance as the control area.

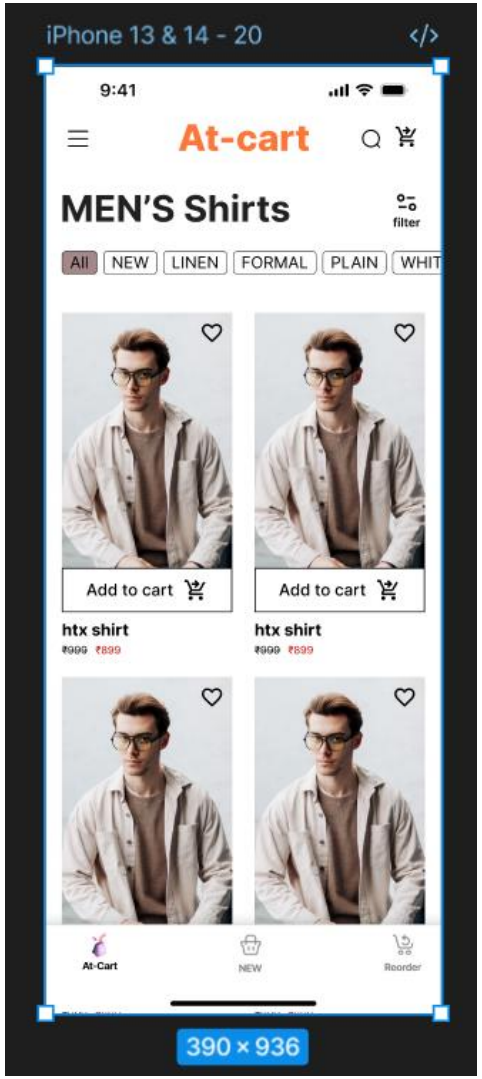
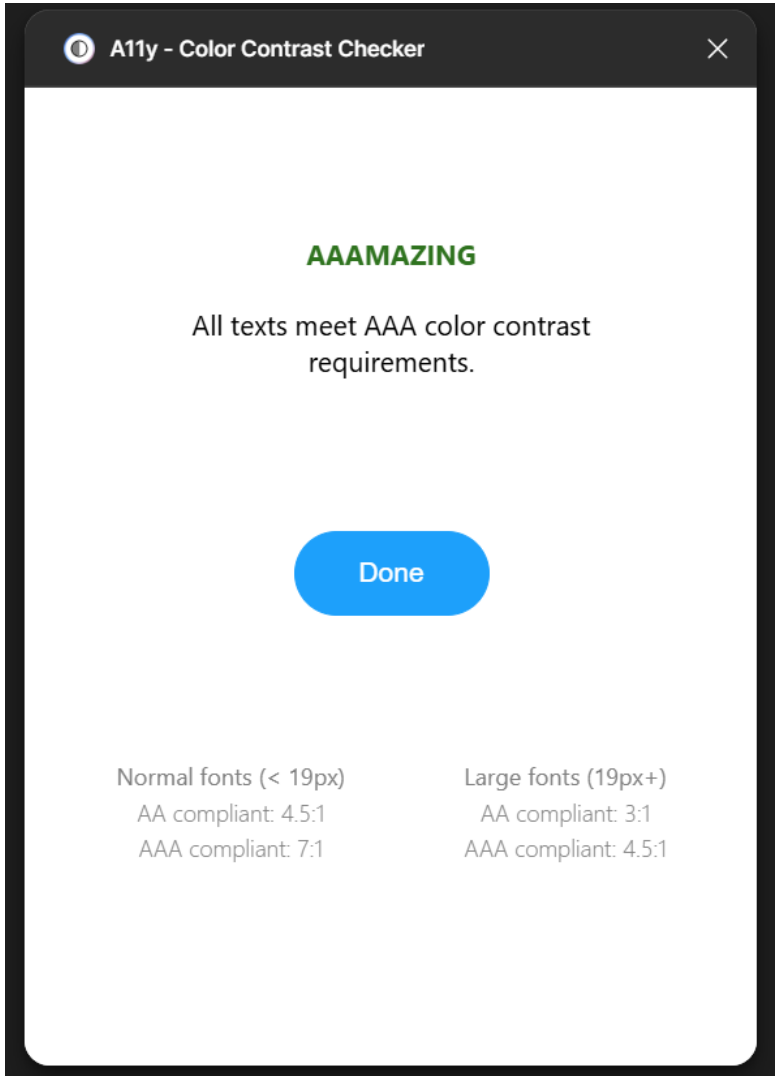


Q4. Test the readability and accessibility of text elements.

 # Ensure text color and background contrast meet accessibility guidelines.

 # Check button and link visibility for users with visual impairments.

The outcome for visible accessibility(contrast factor) test gives out “AAA” rating which is excellent for visible accessibility.

. Symbols in ‘add to cart button’ , “filter” and navigation bar adds to visual accessibility.

. Hence over all fair visibility for visually impaired person.