

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

| | Hex(FFFFFF) | Hex(FFF4B0) | Hex(76FFFF) | Hex(A4FFFF) |
|-------------|--|--|--|--|
| Hex(FFFFFF) | | Ratio: 1.12 Failed ⁵ | Ratio: 1.20 Failed ⁵ | Ratio: 1.15 Failed ⁵ |
| Hex(FFF4B0) | Ratio: 1.12 Failed ⁵ | | Ratio: 1.07 Failed ⁵ | Ratio: 1.03 Failed ⁵ |
| Hex(76FFFF) | Ratio: 1.20 Failed ⁵ | Ratio: 1.07 Failed ⁵ | | Ratio: 1.05 Failed ⁵ |
| Hex(A4FFFF) | Ratio: 1.15 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 1.05 Failed ⁵ | |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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