

Converting Colors - WCAG Matrix

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

Hex(B0A8FF) Hex(CCC4FF) Hex(E9DFFF) Hex(FFFCFF) Hex(FFFFFF)

Hex(B0A8FF)		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(CCC4FF)	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(E9DFFF)	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FFFCFF)	Ratio: 2.08 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.25 Failed ⁵	
Hex(FFFFFF)	Ratio: 2.12 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.02 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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