

Converting Colors - WCAG Matrix

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

Hex(8087FF) Hex(999FFF) Hex(B3B7FF) Hex(CCCFFF) Hex(E6E7FF) Hex(FFFFFF)

	Hex(8087FF)	Hex(999FFF)	Hex(B3B7FF)	Hex(CCCFFF)	Hex(E6E7FF)	Hex(FFFFFF)
Hex(8087FF)		Ratio: 1.28 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(999FFF)	Ratio: 1.28 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(B3B7FF)	Ratio: 1.63 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(CCCFFF)	Ratio: 2.04 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(E6E7FF)	Ratio: 2.52 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFFFFF)	Ratio: 3.08 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 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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