

Converting Colors - WCAG Matrix

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

Hex(8989FF) Hex(A3A3FF) Hex(BCBCFF) Hex(D6D6FF) Hex(EFEFFF) Hex(FFFFFF)

	Hex(8989FF)	Hex(A3A3FF)	Hex(BCBCFF)	Hex(D6D6FF)	Hex(EFEFFF)	Hex(FFFFFF)
Hex(8989FF)		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(A3A3FF)	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(BCBCFF)	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(D6D6FF)	Ratio: 2.11 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(EFEFFF)	Ratio: 2.61 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(FFFFFF)	Ratio: 2.96 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.14 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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