

Converting Colors - WCAG Matrix

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

Hex(AAADFC) Hex(9C9FFF) Hex(CFAAFC) Hex(70717D) Hex(0007BD) Hex(00023D)

	Hex(AAADFC)	Hex(9C9FFF)	Hex(CFAAFC)	Hex(70717D)	Hex(0007BD)	Hex(00023D)
Hex(AAADFC)		Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 9.38 Passed ⁶
Hex(9C9FFF)	Ratio: 1.14 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 8.19 Passed ⁶
Hex(CFAAFC)	Ratio: 1.07 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 10.05 Passed ⁶
Hex(70717D)	Ratio: 2.32 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.49 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 4.04 AA 18pt ²
Hex(0007BD)	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(00023D)	Ratio: 9.38 Passed ⁶	Ratio: 8.19 Passed ⁶	Ratio: 10.05 Passed ⁶	Ratio: 4.04 AA 18pt ²	Ratio: 1.64 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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