

Converting Colors - WCAG Matrix

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

Hex(9E4FCF) Hex(ECCFFF) Hex(4F80CF) Hex(746280) Hex(000000) Hex(808080)

	Hex(9E4FCF)	Hex(ECCFFF)	Hex(4F80CF)	Hex(746280)	Hex(000000)	Hex(808080)
Hex(9E4FCF)		Ratio: 3.34 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(ECCFFF)	Ratio: 3.34 AA 18pt ²		Ratio: 2.81 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 14.94 Passed ⁶	Ratio: 2.81 Failed ⁵
Hex(4F80CF)	Ratio: 1.19 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(746280)	Ratio: 1.18 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.40 Failed ⁵		Ratio: 3.80 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(000000)	Ratio: 4.47 AA 18pt ²	Ratio: 14.94 Passed ⁶	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.19 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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