

Converting Colors - WCAG Matrix

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

Hex(9CB3C9) Hex(EDF6FF) Hex(9CC9B2) Hex(757B80) Hex(000000) Hex(808080)

	Hex(9CB3C9)	Hex(EDF6FF)	Hex(9CC9B2)	Hex(757B80)	Hex(000000)	Hex(808080)
Hex(9CB3C9)		Ratio: 1.98 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 9.71 Passed ⁶	Ratio: 1.83 Failed ⁵
Hex(EDF6FF)	Ratio: 1.98 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 19.23 Passed ⁶	Ratio: 3.62 AA 18pt ²
Hex(9CC9B2)	Ratio: 1.18 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 11.41 Passed ⁶	Ratio: 2.15 Failed ⁵
Hex(757B80)	Ratio: 1.98 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.33 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 9.71 Passed ⁶	Ratio: 19.23 Passed ⁶	Ratio: 11.41 Passed ⁶	Ratio: 4.90 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.83 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.08 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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