

Converting Colors - WCAG Matrix

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

Hex(99888D) Hex(C7ADB5) Hex(889699) Hex(4D4547) Hex(8C0029) Hex(0D0004)

	Hex(99888D)	Hex(C7ADB5)	Hex(889699)	Hex(4D4547)	Hex(8C0029)	Hex(0D0004)
Hex(99888D)		Ratio: 1.61 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(C7ADB5)	Ratio: 1.61 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 9.89 Passed ⁶
Hex(889699)	Ratio: 1.10 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 3.04 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(4D4547)	Ratio: 2.77 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 3.04 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0029)	Ratio: 2.92 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 2.11 Failed ⁵
Hex(0D0004)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 9.89 Passed ⁶	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.11 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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