

Converting Colors - WCAG Matrix

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

Hex(9A8478) Hex(C9A895) Hex(9A9578) Hex(4D4845) Hex(8C3200) Hex(0D0500)

	Hex(9A8478)	Hex(C9A895)	Hex(9A9578)	Hex(4D4845)	Hex(8C3200)	Hex(0D0500)
Hex(9A8478)		Ratio: 1.60 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(C9A895)	Ratio: 1.60 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 9.16 Passed ⁶
Hex(9A9578)	Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 6.68 AA ¹ AAA 18pt ⁴
Hex(4D4845)	Ratio: 2.55 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 2.98 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(8C3200)	Ratio: 2.31 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(0D0500)	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 9.16 Passed ⁶	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 2.24 Failed ⁵	Ratio: 2.48 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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