

Converting Colors - WCAG Matrix

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

Hex(987A3A) Hex(C49633) Hex(88983A) Hex(4D4A45) Hex(8C5F00) Hex(0D0900)

	Hex(987A3A)	Hex(C49633)	Hex(88983A)	Hex(4D4A45)	Hex(8C5F00)	Hex(0D0900)
Hex(987A3A)		Ratio: 1.50 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(C49633)	Ratio: 1.50 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 7.34 Passed ⁶
Hex(88983A)	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.77 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(4D4A45)	Ratio: 2.18 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.77 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(8C5F00)	Ratio: 1.38 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 3.55 AA 18pt ²
Hex(0D0900)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 7.34 Passed ⁶	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 2.25 Failed ⁵	Ratio: 3.55 AA 18pt ²	

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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