

Converting Colors - WCAG Matrix

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

Hex(998277) Hex(C7A493) Hex(999277) Hex(4D4745) Hex(8C2C00) Hex(0D0400)

	Hex(998277)	Hex(C7A493)	Hex(999277)	Hex(4D4745)	Hex(8C2C00)	Hex(0D0400)
Hex(998277)		Ratio: 1.58 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(C7A493)	Ratio: 1.58 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 8.86 Passed ⁶
Hex(999277)	Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(4D4745)	Ratio: 2.52 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.92 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(8C2C00)	Ratio: 2.35 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.39 Failed ⁵
Hex(0D0400)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 8.86 Passed ⁶	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.39 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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