

Converting Colors - WCAG Matrix

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

Hex(A48F82) Hex(D6B5A1) Hex(A49F82) Hex(524D49) Hex(913800) Hex(120700)

Hex(A48F82)		Ratio: 1.61 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(D6B5A1)	Ratio: 1.61 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 3.97 AA 18pt ²
Hex(A49F82)	Ratio: 1.15 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 3.12 AA 18pt ²	Ratio: 2.84 Failed ⁵
Hex(524D49)	Ratio: 2.71 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 3.12 AA 18pt ²		Ratio: 1.10 Failed ⁵
Hex(913800)	Ratio: 2.47 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.10 Failed ⁵	
Hex(120700)	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 10.40 Passed ⁶	Ratio: 7.44 Passed ⁶	Ratio: 2.38 Failed ⁵	Ratio: 2.62 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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