

Converting Colors - WCAG Matrix

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

	Hex(806859)	Hex(9A8172)	Hex(B59B8B)	Hex(D1B6A5)	Hex(EED2C0)	Hex(FFEEDC)	Hex(FFFFF9)	Hex(FFFFFF)
Hex(806859)		Ratio: 1.42 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(9A8172)	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 3.65 AA 18pt ²
Hex(B59B8B)	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(D1B6A5)	Ratio: 2.71 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(EED2C0)	Ratio: 3.62 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FFEEDC)	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.22 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(FFFFF9)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFFF)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 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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