

Converting Colors - WCAG Matrix

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

	Hex(57442D)	Hex(FFFFFF)	Hex(8A745B)	Hex(A58E74)	Hex(C0A88D)	Hex(DCC3A8)	Hex(F9DFC3)	Hex(FFFCDF)	Hex(FFFFFC)
Hex(57442D)		Ratio: 9.25 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.21 Passed ⁶	Ratio: 8.92 Passed ⁶	Ratio: 9.23 Passed ⁶
Hex(FFFFFF)	Ratio: 9.25 Passed ⁶		Ratio: 4.44 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(8A745B)	Ratio: 2.08 Failed ⁵	Ratio: 4.44 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 4.43 AA 18pt ²
Hex(A58E74)	Ratio: 2.96 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.12 AA 18pt ²
Hex(C0A88D)	Ratio: 4.06 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(DCC3A8)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.69 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(F9DFC3)	Ratio: 7.21 Passed ⁶	Ratio: 1.28 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FFFCDF)	Ratio: 8.92 Passed ⁶	Ratio: 1.04 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFC)	Ratio: 9.23 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 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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