

Converting Colors - WCAG Matrix

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

	Hex(5C523E)	Hex(FFFFFF)	Hex(8F836D)	Hex(A99D86)	Hex(C5B8A1)	Hex(E1D3BC)	Hex(FDF0D7)	Hex(FFFFF4)
Hex(5C523E)		Ratio: 7.69 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 7.64 Passed ⁶
Hex(FFFFFF)	Ratio: 7.69 Passed ⁶		Ratio: 3.73 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8F836D)	Ratio: 2.06 Failed ⁵	Ratio: 3.73 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.70 AA 18pt ²
Hex(A99D86)	Ratio: 2.88 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(C5B8A1)	Ratio: 3.93 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(E1D3BC)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.47 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FDF0D7)	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(FFFFF4)	Ratio: 7.64 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 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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