

Converting Colors - WCAG Matrix

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

	Hex(1F1C09)	Hex(FFFE9)	Hex(4B4835)	Hex(635F4C)	Hex(7C7864)	Hex(96927D)	Hex(B0AC97)	Hex(CCC8B2)	Hex(E8E4CD)
Hex(1F1C09)		Ratio: 16.88 Passed ⁶	Ratio: 1.85 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 7.48 Passed ⁶	Ratio: 10.15 Passed ⁶	Ratio: 13.36 Passed ⁶
Hex(FFFE9)	Ratio: 16.88 Passed ⁶		Ratio: 9.10 Passed ⁶	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(4B4835)	Ratio: 1.85 Failed ⁵	Ratio: 9.10 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 7.20 Passed ⁶
Hex(635F4C)	Ratio: 2.66 Failed ⁵	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(7C7864)	Ratio: 3.85 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(96927D)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 3.09 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(B0AC97)	Ratio: 7.48 Passed ⁶	Ratio: 2.26 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(CCC8B2)	Ratio: 10.15 Passed ⁶	Ratio: 1.66 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(E8E4CD)	Ratio: 13.36 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 7.20 Passed ⁶	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 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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