

Converting Colors - WCAG Matrix

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

	Hex(0C0700)	Hex(FFE6A1)	Hex(423300)	Hex(5A4A0B)	Hex(756124)	Hex(8F7A3C)	Hex(AB9454)	Hex(C7AE6D)	Hex(E4CA87)
Hex(0C0700)		Ratio: 16.33 Passed ⁶	Ratio: 1.63 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 9.28 Passed ⁶	Ratio: 12.52 Passed ⁶
Hex(FFE6A1)	Ratio: 16.33 Passed ⁶		Ratio: 10.02 Passed ⁶	Ratio: 7.06 Passed ⁶	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(423300)	Ratio: 1.63 Failed ⁵	Ratio: 10.02 Passed ⁶		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.16 AA 18pt ² AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶
Hex(5A4A0B)	Ratio: 2.31 Failed ⁵	Ratio: 7.06 Passed ⁶	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.01 AA 18pt ² AAA 18pt ⁴	Ratio: 5.41 AA ¹ AAA 18pt ⁴
Hex(756124)	Ratio: 3.34 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(8F7A3C)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(AB9454)	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 2.41 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(C7AE6D)	Ratio: 9.28 Passed ⁶	Ratio: 1.76 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 4.01 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵
Hex(E4CA87)	Ratio: 12.52 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 7.68 Passed ⁶	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 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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