

Converting Colors - WCAG Matrix

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

	Hex(4B3529)	Hex(FFFFFF)	Hex(7D6456)	Hex(977D6F)	Hex(B29688)	Hex(CEB1A2)	Hex(EACDBD)	Hex(FFE9D9)	Hex(FFFFF6)
Hex(4B3529)		Ratio: 11.41 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.59 Passed ⁶	Ratio: 9.73 Passed ⁶	Ratio: 11.35 Passed ⁶
Hex(FFFFFF)	Ratio: 11.41 Passed ⁶		Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 3.83 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(7D6456)	Ratio: 2.08 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 5.45 AA ¹ AAA 18pt ⁴
Hex(977D6F)	Ratio: 2.98 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.81 AA 18pt ²
Hex(B29688)	Ratio: 4.14 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(CEB1A2)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(EACDBD)	Ratio: 7.59 Passed ⁶	Ratio: 1.50 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFE9D9)	Ratio: 9.73 Passed ⁶	Ratio: 1.17 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(FFFFF6)	Ratio: 11.35 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.17 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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