

Converting Colors - WCAG Matrix

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

Hex(7D5639) Hex(FFFFFF) Hex(B48769) Hex(D0A282) Hex(EDBD9D) Hex(FFD9B7) Hex(FFF5D3) Hex(FFFFF0)

	Hex(7D5639)	Hex(FFFFFF)	Hex(B48769)	Hex(D0A282)	Hex(EDBD9D)	Hex(FFD9B7)	Hex(FFF5D3)	Hex(FFFFF0)
Hex(7D5639)	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 6.38 AA ¹ AAA 18pt ⁴	
Hex(FFFFFF)	Ratio: 6.44 AA ¹ AAA 18pt ⁴		Ratio: 3.18 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(B48769)	Ratio: 2.03 Failed ⁵	Ratio: 3.18 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(D0A282)	Ratio: 2.81 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(EDBD9D)	Ratio: 3.79 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(FFD9B7)	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(FFF5D3)	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFF0)	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 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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