

Converting Colors - WCAG Matrix

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

	Hex(7C6A00)	Hex(FFFFFF)	Hex(B49D3D)	Hex(D1B857)	Hex(EFD371)	Hex(FFEF8C)	Hex(FFFA7)	Hex(FFFC3)	Hex(FFFDF)
Hex(7C6A00)		Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.35 AA ¹ AAA 18pt ⁴		Ratio: 2.68 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(B49D3D)	Ratio: 2.00 Failed ⁵	Ratio: 2.68 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(D1B857)	Ratio: 2.73 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(EFD371)	Ratio: 3.63 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFEF8C)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(FFFA7)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFC3)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFDF)	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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