

Converting Colors - WCAG Matrix

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

	Hex(6E5D00)	Hex(FFFFFF6)	Hex(A58F39)	Hex(C1A953)	Hex(DEC56C)	Hex(FCE187)	Hex(FFFDA2)	Hex(FFFFBD)	Hex(FFFD9)
Hex(6E5D00)		Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(FFFFFF6)	Ratio: 6.47 AA ¹ AAA 18pt ⁴		Ratio: 3.17 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(A58F39)	Ratio: 2.04 Failed ⁵	Ratio: 3.17 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 3.12 AA 18pt ²
Hex(C1A953)	Ratio: 2.81 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(DEC56C)	Ratio: 3.81 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(FCE187)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(FFFDA2)	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFFBD)	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFD9)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.04 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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