

Converting Colors - WCAG Matrix

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

Hex(7A704C) Hex(9E8F57) Hex(6E7A4C) Hex(3D3C37) Hex(7D6200) Hex(FCC600)

	Hex(7A704C)	Hex(9E8F57)	Hex(6E7A4C)	Hex(3D3C37)	Hex(7D6200)	Hex(FCC600)
Hex(7A704C)		Ratio: 1.53 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(9E8F57)	Ratio: 1.53 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(6E7A4C)	Ratio: 1.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(3D3C37)	Ratio: 2.24 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.40 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴
Hex(7D6200)	Ratio: 1.17 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 3.65 AA 18pt ²
Hex(FCC600)	Ratio: 3.11 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	

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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