

Converting Colors - WCAG Matrix

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

Hex(7A6D5E) Hex(9E8A72) Hex(797A5E) Hex(3D3A37) Hex(7D4400) Hex(FC8A00)

	Hex(7A6D5E)	Hex(9E8A72)	Hex(797A5E)	Hex(3D3A37)	Hex(7D4400)	Hex(FC8A00)
Hex(7A6D5E)		Ratio: 1.52 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(9E8A72)	Ratio: 1.52 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(797A5E)	Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(3D3A37)	Ratio: 2.25 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.56 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(7D4400)	Ratio: 1.55 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.25 AA 18pt ²
Hex(FC8A00)	Ratio: 2.10 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.25 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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