

Converting Colors - WCAG Matrix

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

Hex(746E46) Hex(968D4E) Hex(637446) Hex(3B3A35) Hex(7A6A00) Hex(FAD900)

	Hex(746E46)	Hex(968D4E)	Hex(637446)	Hex(3B3A35)	Hex(7A6A00)	Hex(FAD900)
Hex(746E46)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(968D4E)	Ratio: 1.53 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.60 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(637446)	Ratio: 1.01 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(3B3A35)	Ratio: 2.20 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 8.14 Passed ⁶
Hex(7A6A00)	Ratio: 1.04 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 3.85 AA 18pt ²
Hex(FAD900)	Ratio: 3.69 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 8.14 Passed ⁶	Ratio: 3.85 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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