

Converting Colors - WCAG Matrix

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

Hex(5D4E38) Hex(78613E) Hex(5A5D38) Hex(2E2C29) Hex(6E4100) Hex(ED8D00)

	Hex(5D4E38)	Hex(78613E)	Hex(5A5D38)	Hex(2E2C29)	Hex(6E4100)	Hex(ED8D00)
Hex(5D4E38)		Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(78613E)	Ratio: 1.37 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(5A5D38)	Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(2E2C29)	Ratio: 1.73 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(6E4100)	Ratio: 1.08 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.48 AA 18pt ²
Hex(ED8D00)	Ratio: 3.22 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 3.48 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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