

Converting Colors - WCAG Matrix

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

Hex(5C452F) Hex(785431) Hex(5C5B2F) Hex(2E2C29) Hex(6E3600) Hex(ED7400)

	Hex(5C452F)	Hex(785431)	Hex(5C5B2F)	Hex(2E2C29)	Hex(6E3600)	Hex(ED7400)
Hex(5C452F)		Ratio: 1.33 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(785431)	Ratio: 1.33 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(5C5B2F)	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(2E2C29)	Ratio: 1.56 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(6E3600)	Ratio: 1.07 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.24 AA 18pt ²
Hex(ED7400)	Ratio: 3.02 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.24 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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