

Converting Colors - WCAG Matrix

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

Hex(77533F) Hex(5D3C29) Hex(442614) Hex(2D1100) Hex(100000) Hex(000000)

	Hex(77533F)	Hex(5D3C29)	Hex(442614)	Hex(2D1100)	Hex(100000)	Hex(000000)
Hex(77533F)		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.09 AA 18pt ²
Hex(5D3C29)	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(442614)	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(2D1100)	Ratio: 2.60 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(100000)	Ratio: 3.03 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.09 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	

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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