

Converting Colors - WCAG Matrix

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

Hex(784528) Hex(9C4C1F) Hex(786C28) Hex(3D3937) Hex(7D2D00) Hex(FC5C00)

	Hex(784528)	Hex(9C4C1F)	Hex(786C28)	Hex(3D3937)	Hex(7D2D00)	Hex(FC5C00)
Hex(784528)		Ratio: 1.29 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(9C4C1F)	Ratio: 1.29 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(786C28)	Ratio: 1.48 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(3D3937)	Ratio: 1.46 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(7D2D00)	Ratio: 1.19 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(FC5C00)	Ratio: 2.49 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.97 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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