

Converting Colors - WCAG Matrix

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

Hex(9E5C4C) Hex(824335) Hex(672C20) Hex(4D1509) Hex(330000) Hex(140000) Hex(000000)

	Hex(9E5C4C)	Hex(824335)	Hex(672C20)	Hex(4D1509)	Hex(330000)	Hex(140000)	Hex(000000)
Hex(9E5C4C)		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 4.09 AA 18pt ²
Hex(824335)	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(672C20)	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(4D1509)	Ratio: 2.87 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(330000)	Ratio: 3.58 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(140000)	Ratio: 3.97 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 4.09 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 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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