

Converting Colors - WCAG Matrix

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

Hex(9D280E) Hex(CC2500) Hex(9D6D0E) Hex(4F4947) Hex(8F1A00) Hex(0F0300)

	Hex(9D280E)	Hex(CC2500)	Hex(9D6D0E)	Hex(4F4947)	Hex(8F1A00)	Hex(0F0300)
Hex(9D280E)		Ratio: 1.40 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(CC2500)	Ratio: 1.40 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(9D6D0E)	Ratio: 1.69 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(4F4947)	Ratio: 1.15 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(8F1A00)	Ratio: 1.18 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(0F0300)	Ratio: 2.65 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 2.24 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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