

Converting Colors - WCAG Matrix

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

Hex(9E382E) Hex(CF2F1F) Hex(9E6F2E) Hex(4F4847) Hex(8F0D00) Hex(0F0100)

	Hex(9E382E)	Hex(CF2F1F)	Hex(9E6F2E)	Hex(4F4847)	Hex(8F0D00)	Hex(0F0100)
Hex(9E382E)		Ratio: 1.33 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(CF2F1F)	Ratio: 1.33 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(9E6F2E)	Ratio: 1.56 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(4F4847)	Ratio: 1.30 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(8F0D00)	Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(0F0100)	Ratio: 2.99 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.29 Failed ⁵	Ratio: 2.17 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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