

Converting Colors - WCAG Matrix

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

Hex(471A0D) Hex(5C1400) Hex(47380D) Hex(242121) Hex(631700) Hex(E33000)

	Hex(471A0D)	Hex(5C1400)	Hex(47380D)	Hex(242121)	Hex(631700)	Hex(E33000)
Hex(471A0D)		Ratio: 1.09 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(5C1400)	Ratio: 1.09 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(47380D)	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(242121)	Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(631700)	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(E33000)	Ratio: 3.30 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.84 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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