

Converting Colors - WCAG Matrix

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

Hex(480F17) Hex(5C0510) Hex(33480F) Hex(242021) Hex(63000D) Hex(E3001E)

	Hex(480F17)	Hex(5C0510)	Hex(33480F)	Hex(242021)	Hex(63000D)	Hex(E3001E)
Hex(480F17)		Ratio: 1.09 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(5C0510)	Ratio: 1.09 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(33480F)	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(242021)	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(63000D)	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E3001E)	Ratio: 3.16 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.79 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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