

Converting Colors - WCAG Matrix

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

Hex(480E14) Hex(5E040D) Hex(48250E) Hex(242020) Hex(63000A) Hex(E30017)

	Hex(480E14)	Hex(5E040D)	Hex(48250E)	Hex(242020)	Hex(63000A)	Hex(E30017)
Hex(480E14)		Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(5E040D)	Ratio: 1.11 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(48250E)	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(242020)	Ratio: 1.04 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(63000A)	Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E30017)	Ratio: 3.17 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.77 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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