

Converting Colors - WCAG Matrix

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

Hex(480004) Hex(5E0005) Hex(481F00) Hex(242020) Hex(630006) Hex(E3000D)

	Hex(480004)	Hex(5E0005)	Hex(481F00)	Hex(242020)	Hex(630006)	Hex(E3000D)
Hex(480004)		Ratio: 1.16 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(5E0005)	Ratio: 1.16 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(481F00)	Ratio: 1.15 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(242020)	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(630006)	Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E3000D)	Ratio: 3.34 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.28 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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