

Converting Colors - WCAG Matrix

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

Hex(481E2C) Hex(5E1C32) Hex(48251E) Hex(242021) Hex(630021) Hex(E3004C)

	Hex(481E2C)	Hex(5E1C32)	Hex(48251E)	Hex(242021)	Hex(630021)	Hex(E3004C)
Hex(481E2C)		Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(5E1C32)	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(48251E)	Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(242021)	Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(630021)	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(E3004C)	Ratio: 2.92 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.82 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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