

Converting Colors - WCAG Matrix

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

Hex(5A1E28) Hex(751727) Hex(5A321E) Hex(2E292A) Hex(6E0012) Hex(ED0028)

	Hex(5A1E28)	Hex(751727)	Hex(5A321E)	Hex(2E292A)	Hex(6E0012)	Hex(ED0028)
Hex(5A1E28)		Ratio: 1.16 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(751727)	Ratio: 1.16 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(5A321E)	Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(2E292A)	Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(6E0012)	Ratio: 1.01 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(ED0028)	Ratio: 2.81 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.77 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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