

Converting Colors - WCAG Matrix

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

Hex(5A1924) Hex(750F21) Hex(19455A) Hex(2E292A) Hex(6E0013) Hex(ED0028)

	Hex(5A1924)	Hex(750F21)	Hex(19455A)	Hex(2E292A)	Hex(6E0013)	Hex(ED0028)
Hex(5A1924)		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(750F21)	Ratio: 1.15 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(19455A)	Ratio: 1.28 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(2E292A)	Ratio: 1.09 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(6E0013)	Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(ED0028)	Ratio: 2.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.27 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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