

Converting Colors - WCAG Matrix

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

Hex(5E1F4F) Hex(7A1862) Hex(5E1F30) Hex(2E292D) Hex(6E0053) Hex(ED00B3)

	Hex(5E1F4F)	Hex(7A1862)	Hex(5E1F30)	Hex(2E292D)	Hex(6E0053)	Hex(ED00B3)
Hex(5E1F4F)		Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(7A1862)	Ratio: 1.20 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(5E1F30)	Ratio: 1.04 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(2E292D)	Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(6E0053)	Ratio: 1.00 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(ED00B3)	Ratio: 2.94 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 2.94 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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