

Converting Colors - WCAG Matrix

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

Hex(5E0057) Hex(7A0071) Hex(5E3500) Hex(2E292E) Hex(6E0065) Hex(ED00DB)

	Hex(5E0057)	Hex(7A0071)	Hex(5E3500)	Hex(2E292E)	Hex(6E0065)	Hex(ED00DB)
Hex(5E0057)		Ratio: 1.28 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(7A0071)	Ratio: 1.28 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(5E3500)	Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(2E292E)	Ratio: 1.10 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(6E0065)	Ratio: 1.15 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(ED00DB)	Ratio: 3.49 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 3.04 AA 18pt ²	

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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