

Converting Colors - WCAG Matrix

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

Hex(5B1D5B) Hex(751575) Hex(3C5B1D) Hex(2E292E) Hex(6E006E) Hex(ED00ED)

	Hex(5B1D5B)	Hex(751575)	Hex(3C5B1D)	Hex(2E292E)	Hex(6E006E)	Hex(ED00ED)
Hex(5B1D5B)		Ratio: 1.20 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(751575)	Ratio: 1.20 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(3C5B1D)	Ratio: 1.53 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(2E292E)	Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.95 AA 18pt ²
Hex(6E006E)	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.08 AA 18pt ²
Hex(ED00ED)	Ratio: 3.29 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.08 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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