

Converting Colors - WCAG Matrix

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

Hex(A200ED) Hex(AE00FF) Hex(ED00C6) Hex(746C78) Hex(7D00B8) Hex(260038)

	Hex(A200ED)	Hex(AE00FF)	Hex(ED00C6)	Hex(746C78)	Hex(7D00B8)	Hex(260038)
Hex(A200ED)		Ratio: 1.13 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(AE00FF)	Ratio: 1.13 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(ED00C6)	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴
Hex(746C78)	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(7D00B8)	Ratio: 1.47 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(260038)	Ratio: 3.30 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 2.25 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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