

Converting Colors - WCAG Matrix

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

Hex(9F00E8) Hex(AF00FF) Hex(E800BD) Hex(6F6773) Hex(7A00B3) Hex(230033)

	Hex(9F00E8)	Hex(AF00FF)	Hex(E800BD)	Hex(6F6773)	Hex(7A00B3)	Hex(230033)
Hex(9F00E8)		Ratio: 1.17 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(AF00FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(E800BD)	Ratio: 1.42 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴
Hex(6F6773)	Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(7A00B3)	Ratio: 1.47 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(230033)	Ratio: 3.25 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.21 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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