

Converting Colors - WCAG Matrix

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

Hex(9A7BFF) Hex(8661FF) Hex(DC7BFF) Hex(767380) Hex(2D00BF) Hex(0F0040)

	Hex(9A7BFF)	Hex(8661FF)	Hex(DC7BFF)	Hex(767380)	Hex(2D00BF)	Hex(0F0040)
Hex(9A7BFF)		Ratio: 1.29 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(8661FF)	Ratio: 1.29 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(DC7BFF)	Ratio: 1.25 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 7.60 Passed ⁶
Hex(767380)	Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 4.14 AA 18pt ²
Hex(2D00BF)	Ratio: 3.57 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 2.43 Failed ⁵		Ratio: 1.70 Failed ⁵
Hex(0F0040)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 7.60 Passed ⁶	Ratio: 4.14 AA 18pt ²	Ratio: 1.70 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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