

Converting Colors - WCAG Matrix

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

	Hex(9771C1)	Hex(B28BDD)	Hex(CFA5FA)	Hex(EBC1FF)	Hex(FFDDFF)	Hex(FFF9FF)	Hex(FFFFFF)
Hex(9771C1)		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 3.85 AA 18pt ²
Hex(B28BDD)	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(CFA5FA)	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(EBC1FF)	Ratio: 2.50 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(FFDDFF)	Ratio: 3.13 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFF9FF)	Ratio: 3.72 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 3.85 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 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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