

Converting Colors - WCAG Matrix

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

Hex(8671A3) Hex(FFFFFF) Hex(BCA5DA) Hex(D8C0F7) Hex(F4DCFF) Hex(FFF9FF)

	Hex(8671A3)	Hex(FFFFFF)	Hex(BCA5DA)	Hex(D8C0F7)	Hex(F4DCFF)	Hex(FFF9FF)
Hex(8671A3)		Ratio: 4.28 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.13 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.28 AA 18pt ²		Ratio: 2.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(BCA5DA)	Ratio: 1.94 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(D8C0F7)	Ratio: 2.61 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(F4DCFF)	Ratio: 3.37 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF9FF)	Ratio: 4.13 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 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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