

Converting Colors - WCAG Matrix

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

Hex(68587E) Hex(FFFFFF) Hex(9C8AB3) Hex(B7A4CF) Hex(D2BFEB) Hex(EFDBFF) Hex(FFF8FF)

	Hex(68587E)	Hex(FFFFFF)	Hex(9C8AB3)	Hex(B7A4CF)	Hex(D2BFEB)	Hex(EFDBFF)	Hex(FFF8FF)
Hex(68587E)	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 6.12 AA ¹ AAA 18pt ⁴	
Hex(FFFFFF)	Ratio: 6.39 AA ¹ AAA 18pt ⁴		Ratio: 3.13 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(9C8AB3)	Ratio: 2.04 Failed ⁵	Ratio: 3.13 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(B7A4CF)	Ratio: 2.81 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(D2BFEB)	Ratio: 3.77 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(EFDBFF)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(FFF8FF)	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.24 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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