

Converting Colors - WCAG Matrix

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

Hex(8A5D7C) Hex(FFFFFF) Hex(C090B1) Hex(DCABCC) Hex(F9C6E8) Hex(FFE2FF)

	Hex(8A5D7C)	Hex(FFFFFF)	Hex(C090B1)	Hex(DCABCC)	Hex(F9C6E8)	Hex(FFE2FF)
Hex(8A5D7C)		Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.46 AA 18pt ²
Hex(FFFFFF)	Ratio: 5.33 AA ¹ AAA 18pt ⁴		Ratio: 2.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(C090B1)	Ratio: 2.00 Failed ⁵	Ratio: 2.67 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(DCABCC)	Ratio: 2.73 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(F9C6E8)	Ratio: 3.62 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFE2FF)	Ratio: 4.46 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 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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