

Converting Colors - WCAG Matrix

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

Hex(9B5F9B) Hex(FFFFFF) Hex(D293D2) Hex(EFAEEE) Hex(FFC9FF) Hex(FFE6FF)

	Hex(9B5F9B)	Hex(FFFFFF)	Hex(D293D2)	Hex(EFAEEE)	Hex(FFC9FF)	Hex(FFE6FF)
Hex(9B5F9B)		Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.66 AA ¹ AAA 18pt ⁴		Ratio: 2.37 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(D293D2)	Ratio: 1.96 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(EFAEEE)	Ratio: 2.66 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFC9FF)	Ratio: 3.34 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE6FF)	Ratio: 4.00 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.20 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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