

Converting Colors - WCAG Matrix

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

Hex(945F9F) Hex(FFFFFF) Hex(CB93D6) Hex(E8AEF2) Hex(FFC9FF) Hex(FFE6FF)

	Hex(945F9F)	Hex(FFFFFF)	Hex(CB93D6)	Hex(E8AEF2)	Hex(FFC9FF)	Hex(FFE6FF)
Hex(945F9F)		Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 4.10 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.78 AA ¹ AAA 18pt ⁴		Ratio: 2.42 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(CB93D6)	Ratio: 1.98 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(E8AEF2)	Ratio: 2.68 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(FFC9FF)	Ratio: 3.42 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE6FF)	Ratio: 4.10 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.53 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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