

Converting Colors - WCAG Matrix

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

Hex(9249B6) Hex(FFFFFF) Hex(CA7DEF) Hex(E798FF) Hex(FFB4FF) Hex(FFD0FF) Hex(FFECFF)

	Hex(9249B6)	Hex(FFFFFF)	Hex(CA7DEF)	Hex(E798FF)	Hex(FFB4FF)	Hex(FFD0FF)	Hex(FFECFF)
Hex(9249B6)		Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.45 AA ¹ AAA 18pt ⁴		Ratio: 2.73 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(CA7DEF)	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(E798FF)	Ratio: 2.68 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(FFB4FF)	Ratio: 3.43 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFD0FF)	Ratio: 4.08 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFECFF)	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 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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