

Converting Colors - WCAG Matrix

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

Hex(975492) Hex(FFFFFF) Hex(CF88C8) Hex(ECA2E5) Hex(FFBEFF) Hex(FFDAFF) Hex(FFF7FF)

	Hex(975492)	Hex(FFFFFF)	Hex(CF88C8)	Hex(ECA2E5)	Hex(FFBEFF)	Hex(FFDAFF)	Hex(FFF7FF)
Hex(975492)		Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.25 AA ¹ AAA 18pt ⁴		Ratio: 2.62 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(CF88C8)	Ratio: 2.00 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(ECA2E5)	Ratio: 2.72 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(FFBEFF)	Ratio: 3.52 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFDAFF)	Ratio: 4.18 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF7FF)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.42 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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