

Converting Colors - WCAG Matrix

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

Hex(93226C) Hex(FFFFFF) Hex(CC5BA0) Hex(EA76BB) Hex(FF91D6) Hex(FFADF3) Hex(FFC9FF) Hex(FFE6FF)

	Hex(93226C)	Hex(FFFFFF)	Hex(CC5BA0)	Hex(EA76BB)	Hex(FF91D6)	Hex(FFADF3)	Hex(FFC9FF)	Hex(FFE6FF)
Hex(93226C)		Ratio: 7.82 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.82 Passed ⁶		Ratio: 3.77 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(CC5BA0)	Ratio: 2.07 Failed ⁵	Ratio: 3.77 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(EA76BB)	Ratio: 2.91 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(FF91D6)	Ratio: 3.82 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(FFADF3)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.68 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FFC9FF)	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE6FF)	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.44 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

Failed 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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