

Converting Colors - WCAG Matrix

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

	Hex(823074)	Hex(FFFFFF)	Hex(B964A8)	Hex(D67EC3)	Hex(F399DF)	Hex(FFB4FC)	Hex(FFD1FF)	Hex(FFEDFF)
Hex(823074)		Ratio: 8.00 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶
Hex(FFFFFF)	Ratio: 8.00 Passed ⁶		Ratio: 3.85 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(B964A8)	Ratio: 2.08 Failed ⁵	Ratio: 3.85 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(D67EC3)	Ratio: 2.91 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(F399DF)	Ratio: 3.98 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFB4FC)	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFD1FF)	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFEDFF)	Ratio: 7.17 Passed ⁶	Ratio: 1.12 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.43 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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