

Converting Colors - WCAG Matrix

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

	Hex(530039)	Hex(FFF5FF)	Hex(883968)	Hex(A35281)	Hex(BF6B9B)	Hex(DC86B6)	Hex(F9A1D2)	Hex(FFBCEE)	Hex(FFD9FF)
Hex(530039)		Ratio: 13.85 Passed ⁶	Ratio: 1.98 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶	Ratio: 9.59 Passed ⁶	Ratio: 11.65 Passed ⁶
Hex(FFF5FF)	Ratio: 13.85 Passed ⁶		Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(883968)	Ratio: 1.98 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.87 AA ¹ AAA 18pt ⁴
Hex(A35281)	Ratio: 2.86 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.07 AA 18pt ²
Hex(BF6B9B)	Ratio: 4.06 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(DC86B6)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 2.43 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(F9A1D2)	Ratio: 7.75 Passed ⁶	Ratio: 1.79 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFBCEE)	Ratio: 9.59 Passed ⁶	Ratio: 1.44 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFD9FF)	Ratio: 11.65 Passed ⁶	Ratio: 1.19 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 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.

This PDF was generated on convertingcolors.com.