

Converting Colors - WCAG Matrix

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

	Hex(831654)	Hex(FFFFFF)	Hex(BC4F86)	Hex(D96AA0)	Hex(F685BB)	Hex(FFA1D6)	Hex(FFBDF3)	Hex(FFD9FF)	Hex(FFF6FF)
Hex(831654)		Ratio: 9.51 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 7.53 Passed ⁶	Ratio: 9.00 Passed ⁶
Hex(FFFFFF)	Ratio: 9.51 Passed ⁶		Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.22 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(BC4F86)	Ratio: 2.08 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 4.32 AA 18pt ²
Hex(D96AA0)	Ratio: 2.95 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(F685BB)	Ratio: 4.07 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(FFA1D6)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.85 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(FFBDF3)	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FFD9FF)	Ratio: 7.53 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF6FF)	Ratio: 9.00 Passed ⁶	Ratio: 1.06 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.76 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

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.