

Converting Colors - WCAG Matrix

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

	Hex(850E50)	Hex(FFFFFF)	Hex(BE4C81)	Hex(DB679B)	Hex(F982B6)	Hex(FF9DD2)	Hex(FFB9EE)	Hex(FFD6FF)	Hex(FFF3FF)
Hex(850E50)		Ratio: 9.65 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 7.50 Passed ⁶	Ratio: 8.97 Passed ⁶
Hex(FFFFFF)	Ratio: 9.65 Passed ⁶		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(BE4C81)	Ratio: 2.09 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.30 AA 18pt ²
Hex(DB679B)	Ratio: 2.95 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(F982B6)	Ratio: 4.09 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(FF9DD2)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(FFB9EE)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFD6FF)	Ratio: 7.50 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF3FF)	Ratio: 8.97 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.45 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.