

Converting Colors - WCAG Matrix

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

	Hex(BD007E)	Hex(DB3598)	Hex(F955B3)	Hex(FF73CE)	Hex(FF90EA)	Hex(FFAEFF)	Hex(FFCBFF)	Hex(FFE9FF)	Hex(FFFFFF)
Hex(BD007E)		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(DB3598)	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 4.22 AA 18pt ²
Hex(F955B3)	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(FF73CE)	Ratio: 2.48 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(FF90EA)	Ratio: 3.01 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(FFAEFF)	Ratio: 3.68 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(FFCBFF)	Ratio: 4.40 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(FFE9FF)	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(FFFFFF)	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 4.22 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 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.