

Converting Colors - WCAG Matrix

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

	Hex(A82F58)	Hex(FFFFFF)	Hex(E3668A)	Hex(FF82A4)	Hex(FF9DBF)	Hex(FFB9DB)	Hex(FFD6F7)	Hex(FFF3FF)
Hex(A82F58)		Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.54 AA ¹ AAA 18pt ⁴		Ratio: 3.21 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(E3668A)	Ratio: 2.03 Failed ⁵	Ratio: 3.21 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(FF82A4)	Ratio: 2.80 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(FF9DBF)	Ratio: 3.37 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFB9DB)	Ratio: 4.11 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFD6F7)	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF3FF)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 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.