

Converting Colors - WCAG Matrix

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

	Hex(A4153A)	Hex(C23851)	Hex(E15469)	Hex(FF7082)	Hex(FF8C9C)	Hex(FFA8B7)	Hex(FFC5D2)	Hex(FFE2EE)	Hex(FFFFFF)
Hex(A4153A)		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 7.65 Passed ⁶
Hex(C23851)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.36 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(E15469)	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.70 AA 18pt ²
Hex(FF7082)	Ratio: 2.87 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(FF8C9C)	Ratio: 3.45 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(FFA8B7)	Ratio: 4.20 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FFC5D2)	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFE2EE)	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFFFFF)	Ratio: 7.65 Passed ⁶	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.70 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 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.