

Converting Colors - WCAG Matrix

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

	Hex(9E3F59)	Hex(BB5971)	Hex(D8738B)	Hex(F68EA5)	Hex(FFA9C0)	Hex(FFC5DC)	Hex(FFE1F8)	Hex(FFFEFF)	Hex(FFFFFF)
Hex(9E3F59)		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴
Hex(BB5971)	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(D8738B)	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.11 AA 18pt ²
Hex(F68EA5)	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(FFA9C0)	Ratio: 3.53 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFC5DC)	Ratio: 4.31 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFE1F8)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(FFFEFF)	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 4.37 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 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.