

Converting Colors - WCAG Matrix

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

	Hex(915C5E)	Hex(AD7577)	Hex(C98E91)	Hex(E5A9AB)	Hex(FFC4C7)	Hex(FFE1E3)	Hex(FFDFFF)	Hex(FFFFFF)
Hex(915C5E)		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(AD7577)	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 3.76 AA 18pt ²
Hex(C98E91)	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(E5A9AB)	Ratio: 2.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(FFC4C7)	Ratio: 3.59 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFE1E3)	Ratio: 4.40 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFDFFF)	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 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.

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