

Converting Colors - WCAG Matrix

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

	Hex(9E5C4D)	Hex(FFFFFF)	Hex(D78F7E)	Hex(F5AA98)	Hex(FFC5B3)	Hex(FFE1CE)	Hex(FFFEEB)
Hex(9E5C4D)		Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.13 AA ¹ AAA 18pt ⁴		Ratio: 2.59 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(D78F7E)	Ratio: 1.98 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(F5AA98)	Ratio: 2.71 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(FFC5B3)	Ratio: 3.39 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFE1CE)	Ratio: 4.13 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFFEEB)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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