

Converting Colors - WCAG Matrix

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

	Hex(995C5C)	Hex(B57575)	Hex(D18F8E)	Hex(E6AAA9)	Hex(FFC5C4)	Hex(FFE1E0)	Hex(FFFEFC)	Hex(FFFFFF)
Hex(995C5C)		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(B57575)	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 3.64 AA 18pt ²
Hex(D18F8E)	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(E6AAA9)	Ratio: 2.71 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(FFC5C4)	Ratio: 3.47 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFE1E0)	Ratio: 4.23 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFFEFC)	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.92 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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