

Converting Colors - WCAG Matrix

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

	Hex(AF5B46)	Hex(FFFFFF)	Hex(EA8F77)	Hex(FFAA91)	Hex(FFC5AB)	Hex(FFE2C7)	Hex(FFFEE3)
Hex(AF5B46)		Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.76 AA ¹ AAA 18pt ⁴		Ratio: 2.42 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(EA8F77)	Ratio: 1.97 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(FFAA91)	Ratio: 2.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFC5AB)	Ratio: 3.14 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFE2C7)	Ratio: 3.85 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFFEE3)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 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.

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