

Converting Colors - WCAG Matrix

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

Hex(904947) Hex(FFFFFF) Hex(C97B77) Hex(E69591) Hex(FFB0AB) Hex(FFCCC7) Hex(FFE8E3)

Hex(904947)		Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.50 AA ¹ AAA 18pt ⁴		Ratio: 3.19 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(C97B77)	Ratio: 2.04 Failed ⁵	Ratio: 3.19 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(E69591)	Ratio: 2.81 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(FFB0AB)	Ratio: 3.73 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFCCC7)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFE8E3)	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.97 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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