

Converting Colors - WCAG Matrix

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

Hex(944A47) Hex(FFFFFF) Hex(CD7C78) Hex(EA9791) Hex(FFB2AC) Hex(FFCEC7) Hex(FFEAE3)

	Hex(944A47)	Hex(FFFFFF)	Hex(CD7C78)	Hex(EA9791)	Hex(FFB2AC)	Hex(FFCEC7)	Hex(FFEAE3)
Hex(944A47)		Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.31 AA ¹ AAA 18pt ⁴		Ratio: 3.11 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(CD7C78)	Ratio: 2.03 Failed ⁵	Ratio: 3.11 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(EA9791)	Ratio: 2.80 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(FFB2AC)	Ratio: 3.67 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFCEC7)	Ratio: 4.48 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFEAE3)	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.48 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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