

Converting Colors - WCAG Matrix

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

	Hex(634E4F)	Hex(FFFFFF)	Hex(977F80)	Hex(B1999A)	Hex(CDB3B4)	Hex(E9CFD0)	Hex(FFEBEC)
Hex(634E4F)		Ratio: 7.68 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.68 Passed ⁶		Ratio: 3.71 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(977F80)	Ratio: 2.07 Failed ⁵	Ratio: 3.71 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(B1999A)	Ratio: 2.89 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(CDB3B4)	Ratio: 3.92 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(E9CFD0)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.47 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FFEBEC)	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 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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