

Converting Colors - WCAG Matrix

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

	Hex(763C3E)	Hex(FFFFFF)	Hex(AD6D6D)	Hex(C98687)	Hex(E6A1A1)	Hex(FFBCBC)	Hex(FFD8D8)	Hex(FFF5F4)
Hex(763C3E)		Ratio: 8.45 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 7.89 Passed ⁶
Hex(FFFFFF)	Ratio: 8.45 Passed ⁶		Ratio: 4.05 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(AD6D6D)	Ratio: 2.09 Failed ⁵	Ratio: 4.05 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.78 AA 18pt ²
Hex(C98687)	Ratio: 2.91 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(E6A1A1)	Ratio: 4.01 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(FFBCBC)	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFD8D8)	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF5F4)	Ratio: 7.89 Passed ⁶	Ratio: 1.07 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.71 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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