

Converting Colors - WCAG Matrix

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

	Hex(725C46)	Hex(FFFFFF)	Hex(A78E76)	Hex(C2A990)	Hex(DEC4AB)	Hex(FBE0C6)	Hex(FFFCF2)
Hex(725C46)		Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.30 AA ¹ AAA 18pt ⁴		Ratio: 3.10 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(A78E76)	Ratio: 2.03 Failed ⁵	Ratio: 3.10 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(C2A990)	Ratio: 2.81 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(DEC4AB)	Ratio: 3.78 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(FBE0C6)	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFFCF2)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.61 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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