

Converting Colors - WCAG Matrix

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

	Hex(AF703E)	Hex(FFFFFF)	Hex(EAA46F)	Hex(FFBF89)	Hex(FFDBA4)	Hex(FFF8BF)	Hex(FFFDB)	Hex(FFFFF8)
Hex(AF703E)		Ratio: 4.03 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 4.01 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.03 AA 18pt ²		Ratio: 2.09 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(EAA46F)	Ratio: 1.93 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(FFBF89)	Ratio: 2.51 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(FFDBA4)	Ratio: 3.06 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(FFF8BF)	Ratio: 3.73 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FFFDB)	Ratio: 3.95 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF8)	Ratio: 4.01 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 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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