

Converting Colors - WCAG Matrix

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

	Hex(AB845C)	Hex(FFFFFF)	Hex(E4B98F)	Hex(FFD5A9)	Hex(FFF1C5)	Hex(FFFFE1)	Hex(FFFFFE)
Hex(AB845C)		Ratio: 3.39 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 3.39 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.39 AA 18pt ²		Ratio: 1.80 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(E4B98F)	Ratio: 1.88 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFD5A9)	Ratio: 2.48 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(FFF1C5)	Ratio: 3.01 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(FFFFE1)	Ratio: 3.34 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFE)	Ratio: 3.39 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 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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