

Converting Colors - WCAG Matrix

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

	Hex(AA8546)	Hex(FFFFFF)	Hex(E4BA78)	Hex(FFD692)	Hex(FFF2AD)	Hex(FFFFC9)	Hex(FFFFE5)
Hex(AA8546)		Ratio: 3.41 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 3.36 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.41 AA 18pt ²		Ratio: 1.81 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(E4BA78)	Ratio: 1.88 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(FFD692)	Ratio: 2.48 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(FFF2AD)	Ratio: 3.02 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(FFFFC9)	Ratio: 3.32 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFE5)	Ratio: 3.36 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.01 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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