

Converting Colors - WCAG Matrix

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

	Hex(A86E5D)	Hex(FFFFFF)	Hex(E1A28F)	Hex(FFBDAA)	Hex(FFD9C5)	Hex(FFF6E1)	Hex(FFFFFFE)
Hex(A86E5D)		Ratio: 4.16 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 4.15 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.16 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(E1A28F)	Ratio: 1.93 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(FFBDAA)	Ratio: 2.59 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(FFD9C5)	Ratio: 3.16 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(FFF6E1)	Ratio: 3.86 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFFFE)	Ratio: 4.15 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 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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