

Converting Colors - WCAG Matrix

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

Hex(816F61) Hex(FFFBEB) Hex(B6A293) Hex(D2BDAE) Hex(EED9C9) Hex(FFF6E5)

Hex(816F61)		Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.52 AA 18pt ² Ratio: 4.47 AA 18pt ²
Hex(FFFBEB)	Ratio: 4.62 AA ¹ AAA 18pt ⁴		Ratio: 2.36 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵ Ratio: 1.03 Failed ⁵
Hex(B6A293)	Ratio: 1.96 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵ Ratio: 2.28 Failed ⁵
Hex(D2BDAE)	Ratio: 2.66 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵ Ratio: 1.68 Failed ⁵
Hex(EED9C9)	Ratio: 3.52 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(FFF6E5)	Ratio: 4.47 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 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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