

Converting Colors - WCAG Matrix

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

	Hex(806534)	Hex(FFFFFF)	Hex(B69864)	Hex(D3B37E)	Hex(F0CE98)	Hex(FFEAB3)	Hex(FFF9CF)	Hex(FFF9EB)
Hex(806534)		Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 5.42 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.48 AA ¹ AAA 18pt ⁴		Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(B69864)	Ratio: 2.00 Failed ⁵	Ratio: 2.74 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(D3B37E)	Ratio: 2.75 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(F0CE98)	Ratio: 3.65 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFEAB3)	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(FFF9CF)	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFF9EB)	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.17 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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