

Converting Colors - WCAG Matrix

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

Hex(6B7646) Hex(FFFFFF) Hex(9FAA77) Hex(BAC591) Hex(D6E1AC) Hex(F3FEC7) Hex(FFFE3)

	Hex(6B7646)	Hex(FFFFFF)	Hex(9FAA77)	Hex(BAC591)	Hex(D6E1AC)	Hex(F3FEC7)	Hex(FFFE3)
Hex(6B7646)		Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.88 AA ¹ AAA 18pt ⁴		Ratio: 2.47 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(9FAA77)	Ratio: 1.97 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(BAC591)	Ratio: 2.67 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(D6E1AC)	Ratio: 3.54 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(F3FEC7)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFE3)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.04 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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