

Converting Colors - WCAG Matrix

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

	Hex(63794C)	Hex(FFFFFF)	Hex(96AD7D)	Hex(B1C997)	Hex(CDE5B2)	Hex(E9FFCE)	Hex(FFFEEA)
Hex(63794C)		Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 4.75 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.81 AA ¹ AAA 18pt ⁴		Ratio: 2.45 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(96AD7D)	Ratio: 1.96 Failed ⁵	Ratio: 2.45 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(B1C997)	Ratio: 2.67 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(CDE5B2)	Ratio: 3.53 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(E9FFCE)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(FFFEEA)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.06 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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