

Converting Colors - WCAG Matrix

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

	Hex(79954E)	Hex(FFFFFF)	Hex(AFCB81)	Hex(CBE79B)	Hex(E7FFB6)	Hex(FFFFD2)	Hex(FFFEEF)
Hex(79954E)		Ratio: 3.38 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.34 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.38 AA 18pt ²		Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(AFCB81)	Ratio: 1.88 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(CBE79B)	Ratio: 2.48 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(E7FFB6)	Ratio: 3.11 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FFFFD2)	Ratio: 3.29 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFEEF)	Ratio: 3.34 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 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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