

Converting Colors - WCAG Matrix

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

	Hex(495342)	Hex(FFFFFF)	Hex(7A8472)	Hex(939F8B)	Hex(AEBAA6)	Hex(CAD5C1)	Hex(E6F2DD)	Hex(FFFFF9)
Hex(495342)		Ratio: 8.08 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 8.05 Passed ⁶
Hex(FFFFFF)	Ratio: 8.08 Passed ⁶		Ratio: 3.91 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(7A8472)	Ratio: 2.07 Failed ⁵	Ratio: 3.91 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.90 AA 18pt ²
Hex(939F8B)	Ratio: 2.91 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(AEBAA6)	Ratio: 3.99 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(CAD5C1)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(E6F2DD)	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(FFFFF9)	Ratio: 8.05 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 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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