

Converting Colors - WCAG Matrix

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

	Hex(504235)	Hex(FFFCEB)	Hex(827263)	Hex(9C8B7C)	Hex(B7A596)	Hex(D3C1B1)	Hex(EFDCCC)	Hex(FFF9E9)
Hex(504235)		Ratio: 9.38 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 7.27 Passed ⁶	Ratio: 9.20 Passed ⁶
Hex(FFFCEB)	Ratio: 9.38 Passed ⁶		Ratio: 4.49 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(827263)	Ratio: 2.09 Failed ⁵	Ratio: 4.49 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.40 AA 18pt ²
Hex(9C8B7C)	Ratio: 2.95 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(B7A596)	Ratio: 4.07 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(D3C1B1)	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.69 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(EFDCCC)	Ratio: 7.27 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(FFF9E9)	Ratio: 9.20 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 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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