

Converting Colors - WCAG Matrix

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

	Hex(69443C)	Hex(FFFFFF)	Hex(9D746B)	Hex(B98E84)	Hex(D5A99E)	Hex(F2C4B9)	Hex(FFE0D5)	Hex(FFDFD1)
Hex(69443C)		Ratio: 8.42 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 8.25 Passed ⁶
Hex(FFFFFF)	Ratio: 8.42 Passed ⁶		Ratio: 4.08 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(9D746B)	Ratio: 2.06 Failed ⁵	Ratio: 4.08 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(B98E84)	Ratio: 2.91 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(D5A99E)	Ratio: 4.01 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(F2C4B9)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(FFE0D5)	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFDFD1)	Ratio: 8.25 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.22 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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