

Converting Colors - WCAG Matrix

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

	Hex(4B3E3B)	Hex(FFFFFF)	Hex(7C6E6A)	Hex(968783)	Hex(B1A19D)	Hex(CCBCB8)	Hex(E8D8D4)	Hex(FFF4F0)
Hex(4B3E3B)		Ratio: 10.24 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 7.41 Passed ⁶	Ratio: 9.48 Passed ⁶
Hex(FFFFFF)	Ratio: 10.24 Passed ⁶		Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(7C6E6A)	Ratio: 2.09 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(968783)	Ratio: 2.97 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(B1A19D)	Ratio: 4.12 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(CCBCB8)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.83 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(E8D8D4)	Ratio: 7.41 Passed ⁶	Ratio: 1.38 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FFF4F0)	Ratio: 9.48 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 3.19 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 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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