

Converting Colors - WCAG Matrix

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

Hex(5C5548) Hex(FFFFFF) Hex(8E8678) Hex(A9A092) Hex(C4BBAC) Hex(E0D7C8) Hex(FDF3E4)

	Hex(5C5548)	Hex(FFFFFF)	Hex(8E8678)	Hex(A9A092)	Hex(C4BBAC)	Hex(E0D7C8)	Hex(FDF3E4)
Hex(5C5548)		Ratio: 7.37 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.37 Passed ⁶		Ratio: 3.60 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(8E8678)	Ratio: 2.05 Failed ⁵	Ratio: 3.60 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(A9A092)	Ratio: 2.85 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(C4BBAC)	Ratio: 3.88 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(E0D7C8)	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FDF3E4)	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 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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