

Converting Colors - WCAG Matrix

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

Hex(736153) Hex(FFFFFF) Hex(A79484) Hex(C2AE9E) Hex(DFCAB9) Hex(FBE6D5) Hex(FFFFF1)

	Hex(736153)	Hex(FFFFFF)	Hex(A79484)	Hex(C2AE9E)	Hex(DFCAB9)	Hex(FBE6D5)	Hex(FFFFF1)
Hex(736153)		Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.89 AA ¹ AAA 18pt ⁴		Ratio: 2.91 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(A79484)	Ratio: 2.02 Failed ⁵	Ratio: 2.91 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(C2AE9E)	Ratio: 2.76 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(DFCAB9)	Ratio: 3.73 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FBE6D5)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFFF1)	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 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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