

Converting Colors - WCAG Matrix

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

Hex(757570) Hex(FFFFFF) Hex(A8A8A3) Hex(C4C4BF) Hex(E0E0DB) Hex(FCFCF7)

	Hex(757570)	Hex(FFFFFF)	Hex(A8A8A3)	Hex(C4C4BF)	Hex(E0E0DB)	Hex(FCFCF7)
Hex(757570)		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.94 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(A8A8A3)	Ratio: 1.94 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(C4C4BF)	Ratio: 2.65 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(E0E0DB)	Ratio: 3.50 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(FCFCF7)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 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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