

Converting Colors - WCAG Matrix

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

Hex(757465) Hex(FFFFFF) Hex(A9A898) Hex(C4C3B3) Hex(E0DFCE) Hex(FDFCEA)

	Hex(757465)	Hex(FFFFFF)	Hex(A9A898)	Hex(C4C3B3)	Hex(E0DFCE)	Hex(FDFCEA)
Hex(757465)		Ratio: 4.73 AA¹ AAA 18pt⁴	Ratio: 1.97 Failed⁵	Ratio: 2.66 Failed⁵	Ratio: 3.52 AA 18pt²	Ratio: 4.57 AA¹ AAA 18pt⁴
Hex(FFFFFF)	Ratio: 4.73 AA¹ AAA 18pt⁴		Ratio: 2.40 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.04 Failed⁵
Hex(A9A898)	Ratio: 1.97 Failed⁵	Ratio: 2.40 Failed⁵		Ratio: 1.35 Failed⁵	Ratio: 1.79 Failed⁵	Ratio: 2.32 Failed⁵
Hex(C4C3B3)	Ratio: 2.66 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.35 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.72 Failed⁵
Hex(E0DFCE)	Ratio: 3.52 AA 18pt²	Ratio: 1.34 Failed⁵	Ratio: 1.79 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.30 Failed⁵
Hex(FDFCEA)	Ratio: 4.57 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵	Ratio: 2.32 Failed⁵	Ratio: 1.72 Failed⁵	Ratio: 1.30 Failed⁵	

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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