

Converting Colors - WCAG Matrix

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

Hex(757474) Hex(FFFFFF) Hex(A9A8A8) Hex(C5C3C3) Hex(E1DFDF) Hex(FDFCFC)

Hex(757474)		Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.66 AA ¹ AAA 18pt ⁴		Ratio: 2.37 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(A9A8A8)	Ratio: 1.96 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(C5C3C3)	Ratio: 2.66 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(E1DFDF)	Ratio: 3.51 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FDFCFC)	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.71 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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