

Converting Colors - WCAG Matrix

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

Hex(7F6A72) Hex(A69DA1) Hex(776A7F) Hex(544F51) Hex(D4D4D4) Hex(545454)

	Hex(7F6A72)	Hex(A69DA1)	Hex(776A7F)	Hex(544F51)	Hex(D4D4D4)	Hex(545454)
Hex(7F6A72)		Ratio: 1.89 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(A69DA1)	Ratio: 1.89 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(776A7F)	Ratio: 1.01 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(544F51)	Ratio: 1.61 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.59 Failed ⁵		Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(D4D4D4)	Ratio: 3.37 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.52 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	

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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