

Converting Colors - WCAG Matrix

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

Hex(7C7276) Hex(A19D9F) Hex(78727C) Hex(525051) Hex(D1D1D1) Hex(525252)

	Hex(7C7276)	Hex(A19D9F)	Hex(78727C)	Hex(525051)	Hex(D1D1D1)	Hex(525252)
Hex(7C7276)		Ratio: 1.73 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.68 Failed ⁵
Hex(A19D9F)	Ratio: 1.73 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(78727C)	Ratio: 1.01 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.67 Failed ⁵
Hex(525051)	Ratio: 1.72 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D1D1D1)	Ratio: 3.04 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.68 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.12 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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