

Converting Colors - WCAG Matrix

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

Hex(757C7C) Hex(9DA1A1) Hex(757C75) Hex(505252) Hex(D1D1D1) Hex(525252)

Hex(757C7C)		Ratio: 1.63 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(9DA1A1)	Ratio: 1.63 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(757C75)	Ratio: 1.01 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(505252)	Ratio: 1.85 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.83 Failed ⁵		Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(D1D1D1)	Ratio: 2.79 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.83 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.01 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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