

Converting Colors - WCAG Matrix

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

Hex(76727C) Hex(9E9CA1) Hex(72787C) Hex(504E52) Hex(D1D1D1) Hex(525252)

	Hex(76727C)	Hex(9E9CA1)	Hex(72787C)	Hex(504E52)	Hex(D1D1D1)	Hex(525252)
Hex(76727C)		Ratio: 1.73 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(9E9CA1)	Ratio: 1.73 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(72787C)	Ratio: 1.05 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(504E52)	Ratio: 1.75 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.84 Failed ⁵		Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(D1D1D1)	Ratio: 3.08 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.66 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.05 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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