

Converting Colors - WCAG Matrix

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

Hex(6F787C) Hex(9C9FA1) Hex(6F7C73) Hex(4E5152) Hex(D1D1D1) Hex(525252)

	Hex(6F787C)	Hex(9C9FA1)	Hex(6F7C73)	Hex(4E5152)	Hex(D1D1D1)	Hex(525252)
Hex(6F787C)		Ratio: 1.69 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(9C9FA1)	Ratio: 1.69 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(6F7C73)	Ratio: 1.03 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(4E5152)	Ratio: 1.77 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.83 Failed ⁵		Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D1D1D1)	Ratio: 2.96 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.73 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.79 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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