

Converting Colors - WCAG Matrix

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

Hex(5F6772) Hex(8D9094) Hex(5F726A) Hex(46474A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(5F6772)	Hex(8D9094)	Hex(5F726A)	Hex(46474A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(5F6772)		Ratio: 1.78 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.55 Failed ⁵
Hex(8D9094)	Ratio: 1.78 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(5F726A)	Ratio: 1.12 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(46474A)	Ratio: 1.62 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C9C9C9)	Ratio: 3.46 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.55 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.35 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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