

Converting Colors - WCAG Matrix

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

Hex(4C7773) Hex(8A9C9A) Hex(50774C) Hex(454F4E) Hex(CFCFCF) Hex(4F4F4F)

	Hex(4C7773)	Hex(8A9C9A)	Hex(50774C)	Hex(454F4E)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(4C7773)		Ratio: 1.74 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.64 Failed ⁵
Hex(8A9C9A)	Ratio: 1.74 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(50774C)	Ratio: 1.03 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(454F4E)	Ratio: 1.69 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(CFCFCF)	Ratio: 3.21 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.64 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.26 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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