

Converting Colors - WCAG Matrix

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

Hex(676E6E) Hex(8C8F8F) Hex(676E67) Hex(464747) Hex(C7C7C7) Hex(474747)

	Hex(676E6E)	Hex(8C8F8F)	Hex(676E67)	Hex(464747)	Hex(C7C7C7)	Hex(474747)
Hex(676E6E)		Ratio: 1.60 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.78 Failed ⁵
Hex(8C8F8F)	Ratio: 1.60 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(676E67)	Ratio: 1.01 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.77 Failed ⁵
Hex(464747)	Ratio: 1.79 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(C7C7C7)	Ratio: 3.08 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.78 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.50 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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