

Converting Colors - WCAG Matrix

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

Hex(596E69) Hex(878F8C) Hex(5E6E59) Hex(424745) Hex(C7C7C7) Hex(474747)

	Hex(596E69)	Hex(878F8C)	Hex(5E6E59)	Hex(424745)	Hex(C7C7C7)	Hex(474747)
Hex(596E69)		Ratio: 1.64 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.71 Failed ⁵
Hex(878F8C)	Ratio: 1.64 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(5E6E59)	Ratio: 1.00 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.70 Failed ⁵
Hex(424745)	Ratio: 1.74 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(C7C7C7)	Ratio: 3.22 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.71 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.02 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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