

Converting Colors - WCAG Matrix

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

Hex(6B5E66) Hex(8C878A) Hex(635E6B) Hex(474446) Hex(C7C7C7) Hex(474747)

	Hex(6B5E66)	Hex(8C878A)	Hex(635E6B)	Hex(474446)	Hex(C7C7C7)	Hex(474747)
Hex(6B5E66)		Ratio: 1.74 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(8C878A)	Ratio: 1.74 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(635E6B)	Ratio: 1.02 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(474446)	Ratio: 1.57 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C7C7C7)	Ratio: 3.63 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.51 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.04 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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