

Converting Colors - WCAG Matrix

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

Hex(001E6B) Hex(5E6B8C) Hex(006B4D) Hex(2B3347) Hex(C7C7C7) Hex(474747)

	Hex(001E6B)	Hex(5E6B8C)	Hex(006B4D)	Hex(2B3347)	Hex(C7C7C7)	Hex(474747)
Hex(001E6B)		Ratio: 2.83 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 8.89 Passed ⁶	Ratio: 1.62 Failed ⁵
Hex(5E6B8C)	Ratio: 2.83 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.75 Failed ⁵
Hex(006B4D)	Ratio: 2.30 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(2B3347)	Ratio: 1.19 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 7.45 Passed ⁶	Ratio: 1.36 Failed ⁵
Hex(C7C7C7)	Ratio: 8.89 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 7.45 Passed ⁶		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.62 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.36 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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