

Converting Colors - WCAG Matrix

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

Hex(8395A3) Hex(C7CED4) Hex(83A391) Hex(64686B) Hex(EBEBEB) Hex(6B6B6B)

Hex(8395A3)		Ratio: 1.94 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(C7CED4)	Ratio: 1.94 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(83A391)	Ratio: 1.12 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(64686B)	Ratio: 1.82 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 2.04 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(EBEBEB)	Ratio: 2.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	
Hex(6B6B6B)	Ratio: 1.72 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.47 AA 18pt ²

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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