

Converting Colors - WCAG Matrix

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

Hex(5E9899) Hex(AFC6C7) Hex(5E995F) Hex(566363) Hex(E3E3E3) Hex(636363)

Hex(5E9899)		Ratio: 1.82 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(AFC6C7)	Ratio: 1.82 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(5E995F)	Ratio: 1.04 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(566363)	Ratio: 1.91 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.84 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(E3E3E3)	Ratio: 2.55 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(636363)	Ratio: 1.84 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.68 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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