

Converting Colors - WCAG Matrix

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

Hex(5F789F) Hex(B6BFCF) Hex(5F9F85) Hex(5A6069) Hex(E8E8E8) Hex(696969)

	Hex(5F789F)	Hex(B6BFCF)	Hex(5F9F85)	Hex(5A6069)	Hex(E8E8E8)	Hex(696969)
Hex(5F789F)		Ratio: 2.43 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(B6BFCF)	Ratio: 2.43 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(5F9F85)	Ratio: 1.45 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(5A6069)	Ratio: 1.41 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.05 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(E8E8E8)	Ratio: 3.67 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.22 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.48 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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