

Converting Colors - WCAG Matrix

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

Hex(5F7B99) Hex(B1BCC7) Hex(5F997D) Hex(575D63) Hex(E3E3E3) Hex(636363)

	Hex(5F7B99)	Hex(B1BCC7)	Hex(5F997D)	Hex(575D63)	Hex(E3E3E3)	Hex(636363)
Hex(5F7B99)		Ratio: 2.28 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(B1BCC7)	Ratio: 2.28 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(5F997D)	Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(575D63)	Ratio: 1.52 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E3E3E3)	Ratio: 3.42 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.37 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.11 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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