

Converting Colors - WCAG Matrix

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

Hex(735B98) Hex(B6ADC4) Hex(5B8198) Hex(5B5663) Hex(E3E3E3) Hex(636363)

	Hex(735B98)	Hex(B6ADC4)	Hex(5B8198)	Hex(5B5663)	Hex(E3E3E3)	Hex(636363)
Hex(735B98)		Ratio: 2.65 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(B6ADC4)	Ratio: 2.65 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(5B8198)	Ratio: 1.37 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(5B5663)	Ratio: 1.24 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.70 Failed ⁵		Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(E3E3E3)	Ratio: 4.45 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.05 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.18 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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