

Converting Colors - WCAG Matrix

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

Hex(697096) Hex(B3B6C4) Hex(69968F) Hex(595A63) Hex(E3E3E3) Hex(636363)

	Hex(697096)	Hex(B3B6C4)	Hex(69968F)	Hex(595A63)	Hex(E3E3E3)	Hex(636363)
Hex(697096)		Ratio: 2.39 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(B3B6C4)	Ratio: 2.39 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(69968F)	Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(595A63)	Ratio: 1.42 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(E3E3E3)	Ratio: 3.75 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.25 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.14 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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