

Converting Colors - WCAG Matrix

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

Hex(395C62) Hex(6F7D80) Hex(39623E) Hex(363E40) Hex(BFBFBF) Hex(404040)

	Hex(395C62)	Hex(6F7D80)	Hex(39623E)	Hex(363E40)	Hex(BFBFBF)	Hex(404040)
Hex(395C62)		Ratio: 1.71 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(6F7D80)	Ratio: 1.71 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(39623E)	Ratio: 1.04 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(363E40)	Ratio: 1.50 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(BFBFBF)	Ratio: 3.96 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.95 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.42 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.64 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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