

Converting Colors - WCAG Matrix

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

Hex(4A5463) Hex(757980) Hex(4A6358) Hex(393C40) Hex(BFBFBF) Hex(404040)

	Hex(4A5463)	Hex(757980)	Hex(4A6358)	Hex(393C40)	Hex(BFBFBF)	Hex(404040)
Hex(4A5463)		Ratio: 1.75 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(757980)	Ratio: 1.75 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(4A6358)	Ratio: 1.17 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(393C40)	Ratio: 1.45 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(BFBFBF)	Ratio: 4.17 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.35 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.07 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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