

Converting Colors - WCAG Matrix

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

Hex(76797E) Hex(989DA3) Hex(76767E) Hex(3B3D40) Hex(003680) Hex(000000)

	Hex(76797E)	Hex(989DA3)	Hex(76767E)	Hex(3B3D40)	Hex(003680)	Hex(000000)
Hex(76797E)		Ratio: 1.60 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(989DA3)	Ratio: 1.60 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 7.69 Passed ⁶
Hex(76767E)	Ratio: 1.03 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(3B3D40)	Ratio: 2.49 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.42 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(003680)	Ratio: 2.61 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.84 Failed ⁵
Hex(000000)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.93 Failed ⁵	Ratio: 1.84 Failed ⁵	

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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