

Converting Colors - WCAG Matrix

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

Hex(738CBE) Hex(83AAF7) Hex(7F73BE) Hex(55585E) Hex(00359E) Hex(000A1F)

	Hex(738CBE)	Hex(83AAF7)	Hex(7F73BE)	Hex(55585E)	Hex(00359E)	Hex(000A1F)
Hex(738CBE)		Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(83AAF7)	Ratio: 1.46 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 8.52 Passed ⁶
Hex(7F73BE)	Ratio: 1.22 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(55585E)	Ratio: 2.11 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.73 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(00359E)	Ratio: 3.11 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 2.55 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.88 Failed ⁵
Hex(000A1F)	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 8.52 Passed ⁶	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 2.77 Failed ⁵	Ratio: 1.88 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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