

Converting Colors - WCAG Matrix

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

Hex(63889D) Hex(72ACCC) Hex(636C9D) Hex(474C4F) Hex(005B8F) Hex(000A0F)

	Hex(63889D)	Hex(72ACCC)	Hex(636C9D)	Hex(474C4F)	Hex(005B8F)	Hex(000A0F)
Hex(63889D)		Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(72ACCC)	Ratio: 1.53 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 8.08 Passed ⁶
Hex(636C9D)	Ratio: 1.33 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(474C4F)	Ratio: 2.29 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.72 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(005B8F)	Ratio: 1.91 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(000A0F)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 8.08 Passed ⁶	Ratio: 3.96 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 2.75 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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