

Converting Colors - WCAG Matrix

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

Hex(72929C) Hex(8BBCCC) Hex(727D9C) Hex(474D4F) Hex(006D8F) Hex(000C0F)

	Hex(72929C)	Hex(8BBCCC)	Hex(727D9C)	Hex(474D4F)	Hex(006D8F)	Hex(000C0F)
Hex(72929C)		Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴
Hex(8BBCCC)	Ratio: 1.61 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 9.59 Passed ⁶
Hex(727D9C)	Ratio: 1.23 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(474D4F)	Ratio: 2.58 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.10 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(006D8F)	Ratio: 1.76 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 3.38 AA 18pt ²
Hex(000C0F)	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 9.59 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 2.31 Failed ⁵	Ratio: 3.38 AA 18pt ²	

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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