

Converting Colors - WCAG Matrix

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

Hex(707579) Hex(90989E) Hex(707179) Hex(373A3D) Hex(00457D) Hex(008CFC)

	Hex(707579)	Hex(90989E)	Hex(707179)	Hex(373A3D)	Hex(00457D)	Hex(008CFC)
Hex(707579)		Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(90989E)	Ratio: 1.59 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 1.16 Failed ⁵
Hex(707179)	Ratio: 1.04 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(373A3D)	Ratio: 2.46 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.36 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(00457D)	Ratio: 2.10 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(008CFC)	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.87 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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