

Converting Colors - WCAG Matrix

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

Hex(00799E) Hex(009FCF) Hex(002D9E) Hex(474D4F) Hex(006E8F) Hex(000C0F)

	Hex(00799E)	Hex(009FCF)	Hex(002D9E)	Hex(474D4F)	Hex(006E8F)	Hex(000C0F)
Hex(00799E)		Ratio: 1.62 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(009FCF)	Ratio: 1.62 Failed ⁵		Ratio: 3.67 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 6.48 AA ¹ AAA 18pt ⁴
Hex(002D9E)	Ratio: 2.26 Failed ⁵	Ratio: 3.67 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(474D4F)	Ratio: 1.73 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(006E8F)	Ratio: 1.17 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.42 AA 18pt ²
Hex(000C0F)	Ratio: 3.99 AA 18pt ²	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 1.76 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.42 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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