

Converting Colors - WCAG Matrix

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

Hex(006876) Hex(008799) Hex(002D76) Hex(353A3B) Hex(006C7A) Hex(00DCFA)

	Hex(006876)	Hex(008799)	Hex(002D76)	Hex(353A3B)	Hex(006C7A)	Hex(00DCFA)
Hex(006876)		Ratio: 1.52 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(008799)	Ratio: 1.52 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(002D76)	Ratio: 1.98 Failed ⁵	Ratio: 3.01 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 7.71 Passed ⁶
Hex(353A3B)	Ratio: 1.78 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 6.93 AA ¹ AAA 18pt ⁴
Hex(006C7A)	Ratio: 1.06 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 3.68 AA 18pt ²
Hex(00DCFA)	Ratio: 3.89 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 7.71 Passed ⁶	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 3.68 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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