

Converting Colors - WCAG Matrix

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

Hex(006E96) Hex(008EC2) Hex(002396) Hex(43484A) Hex(00658A) Hex(00070A)

	Hex(006E96)	Hex(008EC2)	Hex(002396)	Hex(43484A)	Hex(00658A)	Hex(00070A)
Hex(006E96)		Ratio: 1.54 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(008EC2)	Ratio: 1.54 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(002396)	Ratio: 2.18 Failed ⁵	Ratio: 3.36 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(43484A)	Ratio: 1.62 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(00658A)	Ratio: 1.14 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(00070A)	Ratio: 3.55 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.62 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 3.12 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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