

Converting Colors - WCAG Matrix

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

Hex(006B82) Hex(008AA8) Hex(002B82) Hex(3C4142) Hex(000203)

	Hex(006B82)	Hex(008AA8)	Hex(002B82)	Hex(3C4142)	Hex(000203)
Hex(006B82)		Ratio: 1.52 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(008AA8)	Ratio: 1.52 Failed ⁵		Ratio: 3.12 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(002B82)	Ratio: 2.05 Failed ⁵	Ratio: 3.12 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(3C4142)	Ratio: 1.69 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.01 Failed ⁵
Hex(000203)	Ratio: 3.39 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.65 Failed ⁵	Ratio: 2.01 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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