

Converting Colors - WCAG Matrix

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

Hex(2B8BC4) Hex(0072A8) Hex(00598E) Hex(004274) Hex(002C5B) Hex(001843) Hex(000538)

	Hex(2B8BC4)	Hex(0072A8)	Hex(00598E)	Hex(004274)	Hex(002C5B)	Hex(001843)	Hex(000538)
Hex(2B8BC4)		Ratio: 1.41 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(0072A8)	Ratio: 1.41 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.68 AA 18pt ²
Hex(00598E)	Ratio: 1.98 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(004274)	Ratio: 2.75 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(002C5B)	Ratio: 3.70 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(001843)	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000538)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.12 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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