

Converting Colors - WCAG Matrix

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

Hex(006D90) Hex(008DBA) Hex(002690) Hex(404647) Hex(006687) Hex(000608)

	Hex(006D90)	Hex(008DBA)	Hex(002690)	Hex(404647)	Hex(006687)	Hex(000608)
Hex(006D90)		Ratio: 1.54 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(008DBA)	Ratio: 1.54 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴
Hex(002690)	Ratio: 2.14 Failed ⁵	Ratio: 3.29 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(404647)	Ratio: 1.64 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(006687)	Ratio: 1.10 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.16 AA 18pt ²
Hex(000608)	Ratio: 3.49 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.63 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 3.16 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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