

Converting Colors - WCAG Matrix

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

Hex(0076A7) Hex(0099D9) Hex(0024A7) Hex(4C5254) Hex(006894) Hex(000E14)

Hex(0076A7)		Ratio: 1.58 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(0099D9)	Ratio: 1.58 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(0024A7)	Ratio: 2.29 Failed ⁵	Ratio: 3.62 AA 18pt ²		Ratio: 1.46 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(4C5254)	Ratio: 1.57 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(006894)	Ratio: 1.22 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.29 Failed ⁵	
Hex(000E14)	Ratio: 3.87 AA 18pt ²	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.69 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.18 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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