

Converting Colors - WCAG Matrix

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

Hex(007FB7) Hex(00A4ED) Hex(0025B7) Hex(535A5C) Hex(006D9C) Hex(00121C)

	Hex(007FB7)	Hex(00A4ED)	Hex(0025B7)	Hex(535A5C)	Hex(006D9C)	Hex(00121C)
Hex(007FB7)		Ratio: 1.60 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.28 AA 18pt ²
Hex(00A4ED)	Ratio: 1.60 Failed ⁵		Ratio: 3.87 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 6.83 AA ¹ AAA 18pt ⁴
Hex(0025B7)	Ratio: 2.42 Failed ⁵	Ratio: 3.87 AA 18pt ²		Ratio: 1.53 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(535A5C)	Ratio: 1.58 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(006D9C)	Ratio: 1.29 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.32 AA 18pt ²
Hex(00121C)	Ratio: 4.28 AA 18pt ²	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 1.77 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.32 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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