

Converting Colors - WCAG Matrix

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

	Hex(006FD0)	Hex(0057B4)	Hex(004199)	Hex(002C7E)	Hex(001965)	Hex(00094C)	Hex(000434)	Hex(00021E)	Hex(000000)
Hex(006FD0)		Ratio: 1.38 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 4.18 AA 18pt ²
Hex(0057B4)	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(004199)	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(002C7E)	Ratio: 2.52 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(001965)	Ratio: 3.15 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(00094C)	Ratio: 3.66 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(000434)	Ratio: 3.92 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(00021E)	Ratio: 4.07 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 4.18 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 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.

This PDF was generated on convertingcolors.com.