

Converting Colors - WCAG Matrix

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

Hex(1070DF) Hex(0058C3) Hex(0042A7) Hex(002D8C) Hex(001B72) Hex(000000)

	Hex(1070DF)	Hex(0058C3)	Hex(0042A7)	Hex(002D8C)	Hex(001B72)	Hex(000000)
Hex(1070DF)		Ratio: 1.38 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 4.41 AA 18pt ²
Hex(0058C3)	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(0042A7)	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(002D8C)	Ratio: 2.51 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(001B72)	Ratio: 3.15 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.40 Failed ⁵
Hex(000000)	Ratio: 4.41 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.40 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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