

Converting Colors - WCAG Matrix

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

Hex(B4C0E5) Hex(BDCDFF) Hex(C0B4E5) Hex(676A73) Hex(002CB3) Hex(000C33)

	Hex(B4C0E5)	Hex(BDCDFF)	Hex(C0B4E5)	Hex(676A73)	Hex(002CB3)	Hex(000C33)
Hex(B4C0E5)		Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 10.55 Passed ⁶
Hex(BDCDFF)	Ratio: 1.15 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 12.12 Passed ⁶
Hex(C0B4E5)	Ratio: 1.07 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 9.91 Passed ⁶
Hex(676A73)	Ratio: 2.99 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.81 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(002CB3)	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.93 Failed ⁵		Ratio: 1.83 Failed ⁵
Hex(000C33)	Ratio: 10.55 Passed ⁶	Ratio: 12.12 Passed ⁶	Ratio: 9.91 Passed ⁶	Ratio: 3.53 AA 18pt ²	Ratio: 1.83 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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