

Converting Colors - WCAG Matrix

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

Hex(C0BFF0) Hex(C1BFFF) Hex(D8BFF0) Hex(6C6C78) Hex(0400B8) Hex(010038)

	Hex(C0BFF0)	Hex(C1BFFF)	Hex(D8BFF0)	Hex(6C6C78)	Hex(0400B8)	Hex(010038)
Hex(C0BFF0)		Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 7.04 Passed ⁶	Ratio: 11.29 Passed ⁶
Hex(C1BFFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 7.17 Passed ⁶	Ratio: 11.49 Passed ⁶
Hex(D8BFF0)	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.12 AA 18pt ²	Ratio: 7.44 Passed ⁶	Ratio: 11.93 Passed ⁶
Hex(6C6C78)	Ratio: 2.95 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.12 AA 18pt ²		Ratio: 2.39 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(0400B8)	Ratio: 7.04 Passed ⁶	Ratio: 7.17 Passed ⁶	Ratio: 7.44 Passed ⁶	Ratio: 2.39 Failed ⁵		Ratio: 1.60 Failed ⁵
Hex(010038)	Ratio: 11.29 Passed ⁶	Ratio: 11.49 Passed ⁶	Ratio: 11.93 Passed ⁶	Ratio: 3.83 AA 18pt ²	Ratio: 1.60 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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