

Converting Colors - WCAG Matrix

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

Hex(0B08CF) Hex(B6B5FF) Hex(08CFCF) Hex(535380) Hex(000000) Hex(808080)

	Hex(0B08CF)	Hex(B6B5FF)	Hex(08CFCF)	Hex(535380)	Hex(000000)	Hex(808080)
Hex(0B08CF)		Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.50 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(B6B5FF)	Ratio: 5.66 AA ¹ AAA 18pt ⁴		Ratio: 1.02 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 11.04 Passed ⁶	Ratio: 2.08 Failed ⁵
Hex(08CFCF)	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 10.84 Passed ⁶	Ratio: 2.04 Failed ⁵
Hex(535380)	Ratio: 1.50 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 3.72 AA 18pt ²		Ratio: 2.92 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(000000)	Ratio: 1.95 Failed ⁵	Ratio: 11.04 Passed ⁶	Ratio: 10.84 Passed ⁶	Ratio: 2.92 Failed ⁵		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.73 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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