

Converting Colors - WCAG Matrix

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

Hex(2B79FA) Hex(BFD7FF) Hex(2BFAAB) Hex(596880) Hex(000000) Hex(808080)

	Hex(2B79FA)	Hex(BFD7FF)	Hex(2BFAAB)	Hex(596880)	Hex(000000)	Hex(808080)
Hex(2B79FA)		Ratio: 2.76 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(BFD7FF)	Ratio: 2.76 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 14.38 Passed ⁶	Ratio: 2.70 Failed ⁵
Hex(2BFAAB)	Ratio: 2.94 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 15.37 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(596880)	Ratio: 1.40 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.13 AA 18pt ²		Ratio: 3.72 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(000000)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 14.38 Passed ⁶	Ratio: 15.37 Passed ⁶	Ratio: 3.72 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.02 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.43 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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