

Converting Colors - WCAG Matrix

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

Hex(001DFB) Hex(B3BBFF) Hex(00FBDF) Hex(525880) Hex(000000) Hex(808080)

	Hex(001DFB)	Hex(B3BBFF)	Hex(00FBDF)	Hex(525880)	Hex(000000)	Hex(808080)
Hex(001DFB)		Ratio: 4.46 AA 18pt ²	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(B3BBFF)	Ratio: 4.46 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 11.47 Passed ⁶	Ratio: 2.16 Failed ⁵
Hex(00FBDF)	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 15.86 Passed ⁶	Ratio: 2.98 Failed ⁵
Hex(525880)	Ratio: 1.19 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 3.07 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(000000)	Ratio: 2.57 Failed ⁵	Ratio: 11.47 Passed ⁶	Ratio: 15.86 Passed ⁶	Ratio: 3.07 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.07 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.73 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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