

Converting Colors - WCAG Matrix

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

Hex(0068F8) Hex(B3D3FF) Hex(00F88D) Hex(526580) Hex(000000) Hex(808080)

	Hex(0068F8)	Hex(B3D3FF)	Hex(00F88D)	Hex(526580)	Hex(000000)	Hex(808080)
Hex(0068F8)		Ratio: 3.15 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(B3D3FF)	Ratio: 3.15 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 13.68 Passed ⁶	Ratio: 2.57 Failed ⁵
Hex(00F88D)	Ratio: 3.42 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 4.19 AA 18pt ²	Ratio: 14.81 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(526580)	Ratio: 1.23 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.19 AA 18pt ²		Ratio: 3.53 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(000000)	Ratio: 4.34 AA 18pt ²	Ratio: 13.68 Passed ⁶	Ratio: 14.81 Passed ⁶	Ratio: 3.53 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.23 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.51 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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