

Converting Colors - WCAG Matrix

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

	Hex(5B88F4)	Hex(7399F4)	Hex(8CAAF4)	Hex(A4BCF4)	Hex(BDCDF4)	Hex(D5DEF4)	Hex(EDEFF4)	Hex(FFFFFF4)
Hex(5B88F4)		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(7399F4)	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(8CAAF4)	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(A4BCF4)	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(BDCDF4)	Ratio: 2.10 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(D5DEF4)	Ratio: 2.48 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(EDEFF4)	Ratio: 2.91 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(FFFFFF4)	Ratio: 3.33 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 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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