

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(03AEFF)	Hex(1DB6FF)	Hex(36BEFF)	Hex(50C6FF)	Hex(69CFFF)	Hex(83D7FF)	Hex(9CDFFF)	Hex(B6E7FF)	Hex(CFF0FF)	Hex(E9F8FF)
Hex(03AEFF)		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(1DB6FF)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(36BEFF)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(50C6FF)	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(69CFFF)	Ratio: 1.41 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(83D7FF)	Ratio: 1.54 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(9CDFFF)	Ratio: 1.70 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(B6E7FF)	Ratio: 1.87 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(CFF0FF)	Ratio: 2.07 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(E9F8FF)	Ratio: 2.27 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 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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