

Converting Colors - WCAG Matrix

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

	Hex(00CC40)	Hex(FFFFFF)	Hex(67FF76)	Hex(88FF92)	Hex(A8FFAD)	Hex(C7FFCA)	Hex(E6FFE7)
Hex(00CC40)		Ratio: 2.16 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(FFFFFF)	Ratio: 2.16 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(67FF76)	Ratio: 1.66 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(88FF92)	Ratio: 1.73 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(A8FFAD)	Ratio: 1.81 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(C7FFCA)	Ratio: 1.91 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(E6FFE7)	Ratio: 2.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 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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