

Converting Colors - WCAG Matrix

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

	Hex(00CCCC)	Hex(45E9E8)	Hex(6BFFFF)	Hex(8CFFFF)	Hex(ACFFFF)	Hex(CBFFFF)	Hex(EAFFFF)	Hex(FFFFFF)
Hex(00CCCC)		Ratio: 1.34 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(45E9E8)	Ratio: 1.34 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(6BFFFF)	Ratio: 1.65 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(8CFFFF)	Ratio: 1.70 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(ACFFFF)	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(CBFFFF)	Ratio: 1.84 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(EAFFFF)	Ratio: 1.93 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 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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