

Converting Colors - WCAG Matrix

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

	Hex(00C5C6)	Hex(FFFFFF)	Hex(15FFFF)	Hex(55FFFF)	Hex(7CFFFF)	Hex(A0FFFF)	Hex(C1FFFF)	Hex(E2FFFF)
Hex(00C5C6)		Ratio: 2.14 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(FFFFFF)	Ratio: 2.14 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(15FFFF)	Ratio: 1.71 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(55FFFF)	Ratio: 1.75 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(7CFFFF)	Ratio: 1.80 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(A0FFFF)	Ratio: 1.86 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(C1FFFF)	Ratio: 1.94 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E2FFFF)	Ratio: 2.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 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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