

Converting Colors - WCAG Matrix

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

Hex(0CCCF2) Hex(00D5FF) Hex(0C5DF2) Hex(6C7678) Hex(0099B8) Hex(002F38)

	Hex(0CCCF2)	Hex(00D5FF)	Hex(0C5DF2)	Hex(6C7678)	Hex(0099B8)	Hex(002F38)
Hex(0CCCF2)		Ratio: 1.09 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 7.47 Passed ⁶
Hex(00D5FF)	Ratio: 1.09 Failed ⁵		Ratio: 3.10 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 8.17 Passed ⁶
Hex(0C5DF2)	Ratio: 2.83 Failed ⁵	Ratio: 3.10 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(6C7678)	Ratio: 2.43 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(0099B8)	Ratio: 1.75 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 4.27 AA 18pt ²
Hex(002F38)	Ratio: 7.47 Passed ⁶	Ratio: 8.17 Passed ⁶	Ratio: 2.64 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 4.27 AA 18pt ²	

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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