

Converting Colors - WCAG Matrix

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

Hex(33C9FF) Hex(0ABEFF) Hex(3363FF) Hex(737C80) Hex(008CBF) Hex(002F40)

	Hex(33C9FF)	Hex(0ABEFF)	Hex(3363FF)	Hex(737C80)	Hex(008CBF)	Hex(002F40)
Hex(33C9FF)		Ratio: 1.11 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(0ABEFF)	Ratio: 1.11 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(3363FF)	Ratio: 2.50 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(737C80)	Ratio: 2.22 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(008CBF)	Ratio: 1.99 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.72 AA 18pt ²
Hex(002F40)	Ratio: 7.39 Passed ⁶	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.72 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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