

Converting Colors - WCAG Matrix

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

Hex(00FFEC) Hex(0095FF) Hex(73807F) Hex(00BFB1) Hex(00403B)

	Hex(00FFEC)	Hex(0095FF)	Hex(73807F)	Hex(00BFB1)	Hex(00403B)
Hex(00FFEC)		Ratio: 2.45 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 9.19 Passed ⁶
Hex(0095FF)	Ratio: 2.45 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(73807F)	Ratio: 3.22 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(00BFB1)	Ratio: 1.82 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(00403B)	Ratio: 9.19 Passed ⁶	Ratio: 3.75 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	

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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