

Converting Colors - WCAG Matrix

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

Hex(F1FFFF) Hex(F0FFFF) Hex(F1F8FF) Hex(778080) Hex(00BFBF) Hex(004040)

	Hex(F1FFFF)	Hex(F0FFFF)	Hex(F1F8FF)	Hex(778080)	Hex(00BFBF)	Hex(004040)
Hex(F1FFFF)		Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 11.34 Passed ⁶
Hex(F0FFFF)	Ratio: 1.00 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 11.32 Passed ⁶
Hex(F1F8FF)	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.78 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 10.85 Passed ⁶
Hex(778080)	Ratio: 3.95 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.78 AA 18pt ²		Ratio: 1.78 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00BFBF)	Ratio: 2.23 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(004040)	Ratio: 11.34 Passed ⁶	Ratio: 11.32 Passed ⁶	Ratio: 10.85 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 5.09 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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