

Converting Colors - WCAG Matrix

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

Hex(BCFFFF) Hex(ADFFFF) Hex(BCDFFF) Hex(73807F) Hex(00BFBF) Hex(004040)

	Hex(BCFFFF)	Hex(ADFFFF)	Hex(BCDFFF)	Hex(73807F)	Hex(00BFBF)	Hex(004040)
Hex(BCFFFF)		Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 10.45 Passed ⁶
Hex(ADFFFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 10.25 Passed ⁶
Hex(BCDFFF)	Ratio: 1.25 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 8.38 Passed ⁶
Hex(73807F)	Ratio: 3.69 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 2.95 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(00BFBF)	Ratio: 2.05 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(004040)	Ratio: 10.45 Passed ⁶	Ratio: 10.25 Passed ⁶	Ratio: 8.38 Passed ⁶	Ratio: 2.83 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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