

Converting Colors - WCAG Matrix

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

Hex(CCFEB) Hex(C2FFE7) Hex(CCFAFF) Hex(73807A) Hex(00BF73) Hex(004026)

Hex(CCFEB)		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 10.83 Passed ⁶
Hex(C2FFE7)	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 10.65 Passed ⁶
Hex(CCFAFF)	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.67 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 10.61 Passed ⁶
Hex(73807A)	Ratio: 3.74 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.67 AA 18pt ²		Ratio: 1.71 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(00BF73)	Ratio: 2.19 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 4.94 AA ¹ AAA 18pt ⁴
Hex(004026)	Ratio: 10.83 Passed ⁶	Ratio: 10.65 Passed ⁶	Ratio: 10.61 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 4.94 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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