

Converting Colors - WCAG Matrix

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

Hex(E7FFFC) Hex(E3FFFC) Hex(E7F6FF) Hex(73807E) Hex(00BFA8) Hex(004038)

	Hex(E7FFFC)	Hex(E3FFFC)	Hex(E7F6FF)	Hex(73807E)	Hex(00BFA8)	Hex(004038)
Hex(E7FFFC)		Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 11.23 Passed ⁶
Hex(E3FFFC)	Ratio: 1.01 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 11.16 Passed ⁶
Hex(E7F6FF)	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 10.63 Passed ⁶
Hex(73807E)	Ratio: 3.93 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 3.72 AA 18pt ²		Ratio: 1.76 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(00BFA8)	Ratio: 2.23 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(004038)	Ratio: 11.23 Passed ⁶	Ratio: 11.16 Passed ⁶	Ratio: 10.63 Passed ⁶	Ratio: 2.86 Failed ⁵	Ratio: 5.04 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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