

Converting Colors - WCAG Matrix

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

Hex(E3FBFC) Hex(E0FEFF) Hex(E3EFFF) Hex(707C7D) Hex(00B5BD) Hex(003B3D)

	Hex(E3FBFC)	Hex(E0FEFF)	Hex(E3EFFF)	Hex(707C7D)	Hex(00B5BD)	Hex(003B3D)
Hex(E3FBFC)		Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 11.50 Passed ⁶
Hex(E0FEFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 11.69 Passed ⁶
Hex(E3EFFF)	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.70 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 10.64 Passed ⁶
Hex(707C7D)	Ratio: 4.00 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 3.70 AA 18pt ²		Ratio: 1.71 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(00B5BD)	Ratio: 2.33 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(003B3D)	Ratio: 11.50 Passed ⁶	Ratio: 11.69 Passed ⁶	Ratio: 10.64 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 4.93 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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