

Converting Colors - WCAG Matrix

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

Hex(7ACBCC) Hex(E0FEFF) Hex(7ACC7C) Hex(6E7F80) Hex(000000) Hex(808080)

	Hex(7ACBCC)	Hex(E0FEFF)	Hex(7ACC7C)	Hex(6E7F80)	Hex(000000)	Hex(808080)
Hex(7ACBCC)		Ratio: 1.76 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 11.24 Passed ⁶	Ratio: 2.11 Failed ⁵
Hex(E0FEFF)	Ratio: 1.76 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.79 Passed ⁶	Ratio: 3.72 AA 18pt ²
Hex(7ACC7C)	Ratio: 1.05 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 10.76 Passed ⁶	Ratio: 2.02 Failed ⁵
Hex(6E7F80)	Ratio: 2.24 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.15 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 11.24 Passed ⁶	Ratio: 19.79 Passed ⁶	Ratio: 10.76 Passed ⁶	Ratio: 5.01 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.11 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.32 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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