

Converting Colors - WCAG Matrix

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

Hex(71B2ED) Hex(D6ECFF) Hex(71EDAB) Hex(677480) Hex(000000) Hex(808080)

	Hex(71B2ED)	Hex(D6ECFF)	Hex(71EDAB)	Hex(677480)	Hex(000000)	Hex(808080)
Hex(71B2ED)		Ratio: 1.86 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 9.29 Passed ⁶	Ratio: 1.75 Failed ⁵
Hex(D6ECFF)	Ratio: 1.86 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 17.30 Passed ⁶	Ratio: 3.25 AA 18pt ²
Hex(71EDAB)	Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 14.40 Passed ⁶	Ratio: 2.71 Failed ⁵
Hex(677480)	Ratio: 2.12 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.28 AA 18pt ²		Ratio: 4.39 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 9.29 Passed ⁶	Ratio: 17.30 Passed ⁶	Ratio: 14.40 Passed ⁶	Ratio: 4.39 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.75 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.21 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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