

Converting Colors - WCAG Matrix

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

Hex(6A9DCC) Hex(DBEEFF) Hex(6ACC98) Hex(6A7580) Hex(000000) Hex(808080)

	Hex(6A9DCC)	Hex(DBEEFF)	Hex(6ACC98)	Hex(6A7580)	Hex(000000)	Hex(808080)
Hex(6A9DCC)		Ratio: 2.42 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.31 Passed ⁶	Ratio: 1.37 Failed ⁵
Hex(DBEEFF)	Ratio: 2.42 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 17.69 Passed ⁶	Ratio: 3.33 AA 18pt ²
Hex(6ACC98)	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 10.70 Passed ⁶	Ratio: 2.01 Failed ⁵
Hex(6A7580)	Ratio: 1.64 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.40 Failed ⁵		Ratio: 4.47 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 7.31 Passed ⁶	Ratio: 17.69 Passed ⁶	Ratio: 10.70 Passed ⁶	Ratio: 4.47 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.37 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.19 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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