

Converting Colors - WCAG Matrix

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

Hex(7185C2) Hex(DCE4FC) Hex(71C2AE) Hex(6B7080) Hex(000000) Hex(808080)

	Hex(7185C2)	Hex(DCE4FC)	Hex(71C2AE)	Hex(6B7080)	Hex(000000)	Hex(808080)
Hex(7185C2)		Ratio: 2.84 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(DCE4FC)	Ratio: 2.84 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 16.55 Passed ⁶	Ratio: 3.11 AA 18pt ²
Hex(71C2AE)	Ratio: 1.72 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 10.03 Passed ⁶	Ratio: 1.89 Failed ⁵
Hex(6B7080)	Ratio: 1.37 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.36 Failed ⁵		Ratio: 4.25 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(000000)	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 16.55 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 4.25 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.10 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.25 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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