

Converting Colors - WCAG Matrix

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

Hex(60CFD2) Hex(D6FEFF) Hex(60D262) Hex(677F80) Hex(000000) Hex(808080)

	Hex(60CFD2)	Hex(D6FEFF)	Hex(60D262)	Hex(677F80)	Hex(000000)	Hex(808080)
Hex(60CFD2)		Ratio: 1.72 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 11.35 Passed ⁶	Ratio: 2.14 Failed ⁵
Hex(D6FEFF)	Ratio: 1.72 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 19.48 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(60D262)	Ratio: 1.04 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 10.89 Passed ⁶	Ratio: 2.05 Failed ⁵
Hex(677F80)	Ratio: 2.31 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 11.35 Passed ⁶	Ratio: 19.48 Passed ⁶	Ratio: 10.89 Passed ⁶	Ratio: 4.92 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.14 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.08 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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