

Converting Colors - WCAG Matrix

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

Hex(DCF8FF) Hex(F5FDFF) Hex(DCFE3) Hex(797E80) Hex(000000) Hex(808080)

	Hex(DCF8FF)	Hex(F5FDFF)	Hex(DCFE3)	Hex(797E80)	Hex(000000)	Hex(808080)
Hex(DCF8FF)		Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 18.91 Passed ⁶	Ratio: 3.56 AA 18pt ²
Hex(F5FDFF)	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 20.38 Passed ⁶	Ratio: 3.83 AA 18pt ²
Hex(DCFE3)	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.81 AA 18pt ²	Ratio: 19.46 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(797E80)	Ratio: 3.70 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.81 AA 18pt ²		Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 18.91 Passed ⁶	Ratio: 20.38 Passed ⁶	Ratio: 19.46 Passed ⁶	Ratio: 5.11 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.56 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 1.04 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.

This PDF was generated on convertingcolors.com.