

Converting Colors - WCAG Matrix

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

Hex(D2F2F7) Hex(F5FEFF) Hex(D2F7D7) Hex(797F80) Hex(000000) Hex(808080)

	Hex(D2F2F7)	Hex(F5FEFF)	Hex(D2F7D7)	Hex(797F80)	Hex(000000)	Hex(808080)
Hex(D2F2F7)		Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 17.78 Passed ⁶	Ratio: 3.34 AA 18pt ²
Hex(F5FEFF)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 20.50 Passed ⁶	Ratio: 3.86 AA 18pt ²
Hex(D2F7D7)	Ratio: 1.01 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.49 AA 18pt ²	Ratio: 18.03 Passed ⁶	Ratio: 3.39 AA 18pt ²
Hex(797F80)	Ratio: 3.45 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 3.49 AA 18pt ²		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 17.78 Passed ⁶	Ratio: 20.50 Passed ⁶	Ratio: 18.03 Passed ⁶	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.34 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 1.03 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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