

Converting Colors - WCAG Matrix

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

Hex(DDC0FF) Hex(F5EDFF) Hex(C0E3FF) Hex(7A7580) Hex(000000) Hex(808080)

	Hex(DDC0FF)	Hex(F5EDFF)	Hex(C0E3FF)	Hex(7A7580)	Hex(000000)	Hex(808080)
Hex(DDC0FF)		Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 13.06 Passed ⁶	Ratio: 2.46 Failed ⁵
Hex(F5EDFF)	Ratio: 1.41 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.44 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(C0E3FF)	Ratio: 1.20 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 15.67 Passed ⁶	Ratio: 2.95 Failed ⁵
Hex(7A7580)	Ratio: 2.79 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.35 AA 18pt ²		Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 13.06 Passed ⁶	Ratio: 18.44 Passed ⁶	Ratio: 15.67 Passed ⁶	Ratio: 4.68 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.46 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 1.14 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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