

Converting Colors - WCAG Matrix

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

Hex(D6CBF4) Hex(F6F2FF) Hex(CBE9F4) Hex(7A7880) Hex(000000) Hex(808080)

	Hex(D6CBF4)	Hex(F6F2FF)	Hex(CBE9F4)	Hex(7A7880)	Hex(000000)	Hex(808080)
Hex(D6CBF4)		Ratio: 1.39 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 13.71 Passed ⁶	Ratio: 2.58 Failed ⁵
Hex(F6F2FF)	Ratio: 1.39 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.06 Passed ⁶	Ratio: 3.59 AA 18pt ²
Hex(CBE9F4)	Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.42 AA 18pt ²	Ratio: 16.50 Passed ⁶	Ratio: 3.10 AA 18pt ²
Hex(7A7880)	Ratio: 2.84 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.42 AA 18pt ²		Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 13.71 Passed ⁶	Ratio: 19.06 Passed ⁶	Ratio: 16.50 Passed ⁶	Ratio: 4.83 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.58 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 1.10 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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