

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D6E9F6) Hex(F5FBFF) Hex(D6F6E3) Hex(797D80) Hex(000000) Hex(808080)

Hex(D6E9F6)		Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 16.85 Passed ⁶	Ratio: 3.17 AA 18pt ²
Hex(F5FBFF)	Ratio: 1.19 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 20.13 Passed ⁶	Ratio: 3.78 AA 18pt ²
Hex(D6F6E3)	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.59 AA 18pt ²	Ratio: 18.15 Passed ⁶	Ratio: 3.41 AA 18pt ²
Hex(797D80)	Ratio: 3.33 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.59 AA 18pt ²		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 16.85 Passed ⁶	Ratio: 20.13 Passed ⁶	Ratio: 18.15 Passed ⁶	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.17 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 1.05 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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