

Converting Colors - WCAG Matrix

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

Hex(7698FF) Hex(D6E0FF) Hex(76FFDD) Hex(676D80) Hex(000000) Hex(808080)

	Hex(7698FF)	Hex(D6E0FF)	Hex(76FFDD)	Hex(676D80)	Hex(000000)	Hex(808080)
Hex(7698FF)		Ratio: 2.07 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 7.71 Passed ⁶	Ratio: 1.45 Failed ⁵
Hex(D6E0FF)	Ratio: 2.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 15.97 Passed ⁶	Ratio: 3.00 AA 18pt ²
Hex(76FFDD)	Ratio: 2.22 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 4.20 AA 18pt ²	Ratio: 17.12 Passed ⁶	Ratio: 3.22 AA 18pt ²
Hex(676D80)	Ratio: 1.89 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 4.20 AA 18pt ²		Ratio: 4.08 AA 18pt ²	Ratio: 1.30 Failed ⁵
Hex(000000)	Ratio: 7.71 Passed ⁶	Ratio: 15.97 Passed ⁶	Ratio: 17.12 Passed ⁶	Ratio: 4.08 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.45 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 1.30 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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