

Converting Colors - WCAG Matrix

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

Hex(C86BED) Hex(F3D6FF) Hex(6B92ED) Hex(796780) Hex(000000) Hex(808080)

	Hex(C86BED)	Hex(F3D6FF)	Hex(6B92ED)	Hex(796780)	Hex(000000)	Hex(808080)
Hex(C86BED)		Ratio: 2.34 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(F3D6FF)	Ratio: 2.34 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 15.87 Passed ⁶	Ratio: 2.99 Failed ⁵
Hex(6B92ED)	Ratio: 1.03 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(796780)	Ratio: 1.67 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.71 Failed ⁵		Ratio: 4.06 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(000000)	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 15.87 Passed ⁶	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.28 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.31 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.

This PDF was generated on convertingcolors.com.