

Converting Colors - WCAG Matrix

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

Hex(C1BCF6) Hex(EFEDFF) Hex(BCF1F6) Hex(767580) Hex(000000) Hex(808080)

	Hex(C1BCF6)	Hex(EFEDFF)	Hex(BCF1F6)	Hex(767580)	Hex(000000)	Hex(808080)
Hex(C1BCF6)		Ratio: 1.55 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 11.79 Passed ⁶	Ratio: 2.22 Failed ⁵
Hex(EFEDFF)	Ratio: 1.55 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.23 Passed ⁶	Ratio: 3.43 AA 18pt ²
Hex(BCF1F6)	Ratio: 1.45 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 17.05 Passed ⁶	Ratio: 3.21 AA 18pt ²
Hex(767580)	Ratio: 2.55 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.69 AA 18pt ²		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 11.79 Passed ⁶	Ratio: 18.23 Passed ⁶	Ratio: 17.05 Passed ⁶	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.22 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 1.15 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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