

Converting Colors - WCAG Matrix

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

Hex(5AB3FF) Hex(CFE9FF) Hex(5AFFA4) Hex(627280) Hex(000000) Hex(808080)

	Hex(5AB3FF)	Hex(CFE9FF)	Hex(5AFFA4)	Hex(627280)	Hex(000000)	Hex(808080)
Hex(5AB3FF)		Ratio: 1.80 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 9.33 Passed ⁶	Ratio: 1.75 Failed ⁵
Hex(CFE9FF)	Ratio: 1.80 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 16.75 Passed ⁶	Ratio: 3.15 AA 18pt ²
Hex(5AFFA4)	Ratio: 1.74 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.84 AA 18pt ²	Ratio: 16.27 Passed ⁶	Ratio: 3.06 AA 18pt ²
Hex(627280)	Ratio: 2.20 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.84 AA 18pt ²		Ratio: 4.24 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(000000)	Ratio: 9.33 Passed ⁶	Ratio: 16.75 Passed ⁶	Ratio: 16.27 Passed ⁶	Ratio: 4.24 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.75 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 1.25 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.