

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3DFFF5) Hex(C4FFFC) Hex(47FF3D) Hex(5C807E) Hex(000000) Hex(808080)

Hex(3DFFF5)		Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 16.82 Passed ⁶	Ratio: 3.16 AA 18pt ²
Hex(C4FFFC)	Ratio: 1.13 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 19.06 Passed ⁶	Ratio: 3.58 AA 18pt ²
Hex(47FF3D)	Ratio: 1.08 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 15.64 Passed ⁶	Ratio: 2.94 Failed ⁵
Hex(5C807E)	Ratio: 3.47 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.23 AA 18pt ²		Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 16.82 Passed ⁶	Ratio: 19.06 Passed ⁶	Ratio: 15.64 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.16 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 1.10 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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