

Converting Colors - WCAG Matrix

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

Hex(CAF2F1) Hex(F2FFFF) Hex(CCF2CA) Hex(78807F) Hex(000000) Hex(808080)

	Hex(CAF2F1)	Hex(F2FFFF)	Hex(CCF2CA)	Hex(78807F)	Hex(000000)	Hex(808080)
Hex(CAF2F1)		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 17.48 Passed ⁶	Ratio: 3.29 AA 18pt ²
Hex(F2FFFF)	Ratio: 1.17 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.52 Passed ⁶	Ratio: 3.86 AA 18pt ²
Hex(CCF2CA)	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 17.12 Passed ⁶	Ratio: 3.22 AA 18pt ²
Hex(78807F)	Ratio: 3.37 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.30 AA 18pt ²		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 17.48 Passed ⁶	Ratio: 20.52 Passed ⁶	Ratio: 17.12 Passed ⁶	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.29 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 1.02 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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