

Converting Colors - WCAG Matrix

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

Hex(F5CCD0) Hex(FFF2F3) Hex(F1CCF5) Hex(807879) Hex(000000) Hex(808080)

	Hex(F5CCD0)	Hex(FFF2F3)	Hex(F1CCF5)	Hex(807879)	Hex(000000)	Hex(808080)
Hex(F5CCD0)		Ratio: 1.33 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 14.43 Passed ⁶	Ratio: 2.71 Failed ⁵
Hex(FFF2F3)	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.25 Passed ⁶	Ratio: 3.62 AA 18pt ²
Hex(F1CCF5)	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 14.70 Passed ⁶	Ratio: 2.76 Failed ⁵
Hex(807879)	Ratio: 2.96 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.01 AA 18pt ²		Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 14.43 Passed ⁶	Ratio: 19.25 Passed ⁶	Ratio: 14.70 Passed ⁶	Ratio: 4.88 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.71 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.09 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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