

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F0F8F9) Hex(FCFFFF) Hex(F0F9F1) Hex(7E7F80) Hex(FFFFFF) Hex(808080)

Hex(F0F8F9)	Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(FCFFFF)	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 3.93 AA 18pt ²
Hex(F0F9F1)	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(7E7F80)	Ratio: 3.73 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 3.67 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 3.95 AA 18pt ²

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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