

Converting Colors - WCAG Matrix

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

Hex(8F97B9) Hex(DFE2F0) Hex(8FB9B1) Hex(6E7078) Hex(F7F7F7) Hex(787878)

	Hex(8F97B9)	Hex(DFE2F0)	Hex(8FB9B1)	Hex(6E7078)	Hex(F7F7F7)	Hex(787878)
Hex(8F97B9)		Ratio: 2.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(DFE2F0)	Ratio: 2.23 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(8FB9B1)	Ratio: 1.34 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(6E7078)	Ratio: 1.72 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(F7F7F7)	Ratio: 2.69 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.53 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.12 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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