

Converting Colors - WCAG Matrix

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

Hex(93A1B7) Hex(DFE4ED) Hex(93B7A9) Hex(6F7378) Hex(F7F7F7) Hex(787878)

	Hex(93A1B7)	Hex(DFE4ED)	Hex(93B7A9)	Hex(6F7378)	Hex(F7F7F7)	Hex(787878)
Hex(93A1B7)		Ratio: 2.05 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(DFE4ED)	Ratio: 2.05 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(93B7A9)	Ratio: 1.20 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(6F7378)	Ratio: 1.82 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 4.46 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(F7F7F7)	Ratio: 2.44 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 4.46 AA 18pt ²		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.69 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.08 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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