

Converting Colors - WCAG Matrix

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

Hex(8FA3AB) Hex(D4DBDE) Hex(8FAB96) Hex(696E70) Hex(F0F0F0) Hex(707070)

	Hex(8FA3AB)	Hex(D4DBDE)	Hex(8FAB96)	Hex(696E70)	Hex(F0F0F0)	Hex(707070)
Hex(8FA3AB)		Ratio: 1.87 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(D4DBDE)	Ratio: 1.87 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(8FAB96)	Ratio: 1.05 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(696E70)	Ratio: 1.97 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(F0F0F0)	Ratio: 2.30 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.89 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.35 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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