

Converting Colors - WCAG Matrix

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

Hex(808D8D) Hex(9AA7A7) Hex(B5C3C3) Hex(D0DEDE) Hex(EDFBFB) Hex(FFFFFF)

	Hex(808D8D)	Hex(9AA7A7)	Hex(B5C3C3)	Hex(D0DEDE)	Hex(EDFBFB)	Hex(FFFFFF)
Hex(808D8D)		Ratio: 1.38 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 3.44 AA 18pt ²
Hex(9AA7A7)	Ratio: 1.38 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(B5C3C3)	Ratio: 1.89 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(D0DEDE)	Ratio: 2.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(EDFBFB)	Ratio: 3.24 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(FFFFFF)	Ratio: 3.44 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.06 Failed ⁵	

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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