

Converting Colors - WCAG Matrix

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

Hex(9BBABA) Hex(E6F2F2) Hex(9BBA9B) Hex(737A7A) Hex(FAFAFA) Hex(7A7A7A)

	Hex(9BBABA)	Hex(E6F2F2)	Hex(9BBA9B)	Hex(737A7A)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(9BBABA)		Ratio: 1.81 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(E6F2F2)	Ratio: 1.81 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(9BBA9B)	Ratio: 1.02 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(737A7A)	Ratio: 2.11 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.06 Failed ⁵		Ratio: 4.20 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(FAFAFA)	Ratio: 1.99 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.20 AA 18pt ²		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 2.07 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.11 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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