

Converting Colors - WCAG Matrix

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

Hex(A8BFBA) Hex(F0FAF7) Hex(AEBFA8) Hex(777D7B) Hex(FCFCFC) Hex(7D7D7D)

	Hex(A8BFBA)	Hex(F0FAF7)	Hex(AEBFA8)	Hex(777D7B)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(A8BFBA)		Ratio: 1.82 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(F0FAF7)	Ratio: 1.82 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(AEBFA8)	Ratio: 1.00 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(777D7B)	Ratio: 2.16 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.16 Failed ⁵		Ratio: 4.09 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(FCFCFC)	Ratio: 1.89 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 4.09 AA 18pt ²		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 2.12 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.01 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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