

Converting Colors - WCAG Matrix

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

Hex(9CB2C0) Hex(EBF4FA) Hex(9CC0AA) Hex(747A7D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(9CB2C0)	Hex(EBF4FA)	Hex(9CC0AA)	Hex(747A7D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(9CB2C0)		Ratio: 1.98 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(EBF4FA)	Ratio: 1.98 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(9CC0AA)	Ratio: 1.10 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(747A7D)	Ratio: 1.98 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 4.24 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(FCFCFC)	Ratio: 2.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 4.24 AA 18pt ²		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.87 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.06 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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