

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B7B7BB) Hex(F0F0F2) Hex(B7BBBA) Hex(79797A) Hex(FAFAFA) Hex(7A7A7A)

	Hex(B7B7BB)	Hex(F0F0F2)	Hex(B7BBBA)	Hex(79797A)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(B7B7BB)		Ratio: 1.76 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 2.18 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 2.15 Failed⁵
Hex(F0F0F2)	Ratio: 1.76 Failed⁵		Ratio: 1.70 Failed⁵	Ratio: 3.82 AA 18pt²	Ratio: 1.09 Failed⁵	Ratio: 3.77 AA 18pt²
Hex(B7BBBA)	Ratio: 1.03 Failed⁵	Ratio: 1.70 Failed⁵		Ratio: 2.24 Failed⁵	Ratio: 1.86 Failed⁵	Ratio: 2.21 Failed⁵
Hex(79797A)	Ratio: 2.18 Failed⁵	Ratio: 3.82 AA 18pt²	Ratio: 2.24 Failed⁵		Ratio: 4.17 AA 18pt²	Ratio: 1.01 Failed⁵
Hex(FAFAFA)	Ratio: 1.92 Failed⁵	Ratio: 1.09 Failed⁵	Ratio: 1.86 Failed⁵	Ratio: 4.17 AA 18pt²		Ratio: 4.11 AA 18pt²
Hex(7A7A7A)	Ratio: 2.15 Failed⁵	Ratio: 3.77 AA 18pt²	Ratio: 2.21 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 4.11 AA 18pt²	

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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