

Converting Colors - WCAG Matrix

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

Hex(B0A4C1) Hex(F2EDFA) Hex(A4B5C1) Hex(78757D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(B0A4C1)	Hex(F2EDFA)	Hex(A4B5C1)	Hex(78757D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(B0A4C1)		Ratio: 2.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(F2EDFA)	Ratio: 2.05 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(A4B5C1)	Ratio: 1.12 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(78757D)	Ratio: 1.92 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.15 Failed ⁵		Ratio: 4.41 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(FCFCFC)	Ratio: 2.29 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 4.41 AA 18pt ²		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.75 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 1.10 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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