

Converting Colors - WCAG Matrix

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

Hex(C2BFC6) Hex(FDFCFF) Hex(BFC4C6) Hex(7F7E80) Hex(FFFFFF) Hex(808080)

	Hex(C2BFC6)	Hex(FDFCFF)	Hex(BFC4C6)	Hex(7F7E80)	Hex(FFFFFF)	Hex(808080)
Hex(C2BFC6)		Ratio: 1.78 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(FDFCFF)	Ratio: 1.78 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(BFC4C6)	Ratio: 1.03 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(7F7E80)	Ratio: 2.22 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 4.04 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 1.82 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.04 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.17 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.95 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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