

Converting Colors - WCAG Matrix

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

Hex(BCA29D) Hex(F5EBE9) Hex(BC9DB7) Hex(7A7473) Hex(FAFAFA) Hex(7A7A7A)

	Hex(BCA29D)	Hex(F5EBE9)	Hex(BC9DB7)	Hex(7A7473)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(BCA29D)		Ratio: 2.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(F5EBE9)	Ratio: 2.04 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(BC9DB7)	Ratio: 1.02 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(7A7473)	Ratio: 1.92 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 4.40 AA 18pt ²	Ratio: 1.07 Failed ⁵
Hex(FAFAFA)	Ratio: 2.29 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 4.40 AA 18pt ²		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.80 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.11 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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