

Converting Colors - WCAG Matrix

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

Hex(BB91AA) Hex(F2E1EB) Hex(A291BB) Hex(7A7176) Hex(FAFAFA) Hex(7A7A7A)

	Hex(BB91AA)	Hex(F2E1EB)	Hex(A291BB)	Hex(7A7176)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(BB91AA)		Ratio: 2.16 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(F2E1EB)	Ratio: 2.16 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(A291BB)	Ratio: 1.06 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(7A7176)	Ratio: 1.74 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.64 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(FAFAFA)	Ratio: 2.60 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.58 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.10 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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