

Converting Colors - WCAG Matrix

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

Hex(BC3780) Hex(F5C1DE) Hex(7337BC) Hex(7A5C6D) Hex(FAFAFA) Hex(7A7A7A)

	Hex(BC3780)	Hex(F5C1DE)	Hex(7337BC)	Hex(7A5C6D)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(BC3780)		Ratio: 3.39 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(F5C1DE)	Ratio: 3.39 AA 18pt ²		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(7337BC)	Ratio: 1.33 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 1.19 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 1.63 Failed ⁵
Hex(7A5C6D)	Ratio: 1.12 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵
Hex(FAFAFA)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 5.62 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.22 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.37 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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