

Converting Colors - WCAG Matrix

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

Hex(BF3604) Hex(F7C3B0) Hex(BF048D) Hex(7D5D51) Hex(FCFCFC) Hex(7D7D7D)

	Hex(BF3604)	Hex(F7C3B0)	Hex(BF048D)	Hex(7D5D51)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(BF3604)		Ratio: 3.58 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(F7C3B0)	Ratio: 3.58 AA 18pt ²		Ratio: 3.70 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(BF048D)	Ratio: 1.04 Failed ⁵	Ratio: 3.70 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵
Hex(7D5D51)	Ratio: 1.05 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵
Hex(FCFCFC)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.53 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.76 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.36 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 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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