

Converting Colors - WCAG Matrix

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

Hex(C10B17) Hex(FAB4B9) Hex(B50BC1) Hex(7D5255) Hex(FCFCFC) Hex(7D7D7D)

	Hex(C10B17)	Hex(FAB4B9)	Hex(B50BC1)	Hex(7D5255)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(C10B17)		Ratio: 3.69 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.53 Failed ⁵
Hex(FAB4B9)	Ratio: 3.69 AA 18pt ²		Ratio: 3.25 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(B50BC1)	Ratio: 1.14 Failed ⁵	Ratio: 3.25 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(7D5255)	Ratio: 1.04 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵
Hex(FCFCFC)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.66 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 6.38 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.53 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.59 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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