

Converting Colors - WCAG Matrix

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

Hex(C2B8BF) Hex(FCEDF8) Hex(B8C2C0) Hex(615A5F) Hex(A10070) Hex(210017)

	Hex(C2B8BF)	Hex(FCEDF8)	Hex(B8C2C0)	Hex(615A5F)	Hex(A10070)	Hex(210017)
Hex(C2B8BF)		Ratio: 1.71 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 10.12 Passed ⁶
Hex(FCEDF8)	Ratio: 1.71 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 17.28 Passed ⁶
Hex(B8C2C0)	Ratio: 1.06 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 3.67 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 10.69 Passed ⁶
Hex(615A5F)	Ratio: 3.48 AA 18pt ²	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A10070)	Ratio: 3.97 AA 18pt ²	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 4.19 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(210017)	Ratio: 10.12 Passed ⁶	Ratio: 17.28 Passed ⁶	Ratio: 10.69 Passed ⁶	Ratio: 2.91 Failed ⁵	Ratio: 2.55 Failed ⁵	

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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