

Converting Colors - WCAG Matrix

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

Hex(C79A9D) Hex(FFBABF) Hex(B4C79A) Hex(635A5A) Hex(A3000C) Hex(240003)

	Hex(C79A9D)	Hex(FFBABF)	Hex(B4C79A)	Hex(635A5A)	Hex(A3000C)	Hex(240003)
Hex(C79A9D)		Ratio: 1.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 7.93 Passed ⁶
Hex(FFBABF)	Ratio: 1.53 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 12.10 Passed ⁶
Hex(B4C79A)	Ratio: 1.36 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 10.75 Passed ⁶
Hex(635A5A)	Ratio: 2.72 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 3.69 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A3000C)	Ratio: 3.33 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(240003)	Ratio: 7.93 Passed ⁶	Ratio: 12.10 Passed ⁶	Ratio: 10.75 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 2.38 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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