

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C1A0B5) Hex(FAC5E7) Hex(A0C1BC) Hex(61575D) Hex(A10066) Hex(210015)

Hex(C1A0B5)		Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 8.33 Passed ⁶
Hex(FAC5E7)	Ratio: 1.58 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 13.21 Passed ⁶
Hex(A0C1BC)	Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.58 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 10.09 Passed ⁶
Hex(61575D)	Ratio: 2.96 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 3.58 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A10066)	Ratio: 3.31 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 4.01 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.52 Failed ⁵
Hex(210015)	Ratio: 8.33 Passed ⁶	Ratio: 13.21 Passed ⁶	Ratio: 10.09 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.52 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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