

Converting Colors - WCAG Matrix

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

Hex(C197A6) Hex(FAB9D0) Hex(BBC197) Hex(61575B) Hex(A10039) Hex(21000C)

	Hex(C197A6)	Hex(FAB9D0)	Hex(BBC197)	Hex(61575B)	Hex(A10039)	Hex(21000C)
Hex(C197A6)		Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 7.71 Passed ⁶
Hex(FAB9D0)	Ratio: 1.57 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 12.07 Passed ⁶
Hex(BBC197)	Ratio: 1.36 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.70 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 10.46 Passed ⁶
Hex(61575B)	Ratio: 2.73 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 3.70 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A10039)	Ratio: 3.20 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 4.35 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(21000C)	Ratio: 7.71 Passed ⁶	Ratio: 12.07 Passed ⁶	Ratio: 10.46 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.41 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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