

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C6A0A9) Hex(FFC4D2) Hex(BDC6A0) Hex(635A5C) Hex(A30027) Hex(240008)

Hex(C6A0A9)		Ratio: 1.56 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 8.35 Passed ⁶
Hex(FFC4D2)	Ratio: 1.56 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 13.05 Passed ⁶
Hex(BDC6A0)	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 10.89 Passed ⁶
Hex(635A5C)	Ratio: 2.86 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 3.73 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30027)	Ratio: 3.48 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵		Ratio: 2.40 Failed ⁵
Hex(240008)	Ratio: 8.35 Passed ⁶	Ratio: 13.05 Passed ⁶	Ratio: 10.89 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 2.40 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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