

Converting Colors - WCAG Matrix

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

Hex(C9A1A8) Hex(FFC2CD) Hex(A1BDC9) Hex(665C5E) Hex(A6001F) Hex(260007)

	Hex(C9A1A8)	Hex(FFC2CD)	Hex(A1BDC9)	Hex(665C5E)	Hex(A6001F)	Hex(260007)
Hex(C9A1A8)		Ratio: 1.51 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 8.43 Passed ⁶
Hex(FFC2CD)	Ratio: 1.51 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 12.76 Passed ⁶
Hex(A1BDC9)	Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 9.80 Passed ⁶
Hex(665C5E)	Ratio: 2.81 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 3.27 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6001F)	Ratio: 3.46 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(260007)	Ratio: 8.43 Passed ⁶	Ratio: 12.76 Passed ⁶	Ratio: 9.80 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.43 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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