

Converting Colors - WCAG Matrix

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

Hex(C29CA5) Hex(FCC0CE) Hex(9CB9C2) Hex(61575A) Hex(A10026) Hex(210008)

	Hex(C29CA5)	Hex(FCC0CE)	Hex(9CB9C2)	Hex(61575A)	Hex(A10026)	Hex(210008)
Hex(C29CA5)		Ratio: 1.58 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 8.04 Passed ⁶
Hex(FCC0CE)	Ratio: 1.58 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 12.70 Passed ⁶
Hex(9CB9C2)	Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 9.49 Passed ⁶
Hex(61575A)	Ratio: 2.85 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 3.36 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(A10026)	Ratio: 3.38 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(210008)	Ratio: 8.04 Passed ⁶	Ratio: 12.70 Passed ⁶	Ratio: 9.49 Passed ⁶	Ratio: 2.83 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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