

Converting Colors - WCAG Matrix

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

Hex(C6C0C6) Hex(FFF5FF) Hex(C0C6C3) Hex(635E63) Hex(A300A3) Hex(240024)

	Hex(C6C0C6)	Hex(FFF5FF)	Hex(C0C6C3)	Hex(635E63)	Hex(A300A3)	Hex(240024)
Hex(C6C0C6)		Ratio: 1.68 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 10.68 Passed ⁶
Hex(FFF5FF)	Ratio: 1.68 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 17.95 Passed ⁶
Hex(C0C6C3)	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 3.66 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 11.00 Passed ⁶
Hex(635E63)	Ratio: 3.55 AA 18pt ²	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(A300A3)	Ratio: 3.81 AA 18pt ²	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(240024)	Ratio: 10.68 Passed ⁶	Ratio: 17.95 Passed ⁶	Ratio: 11.00 Passed ⁶	Ratio: 3.01 AA 18pt ²	Ratio: 2.80 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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