

Converting Colors - WCAG Matrix

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

Hex(C1AFC1) Hex(FADEFA) Hex(AFC1B8) Hex(615761) Hex(A100A1) Hex(210021)

	Hex(C1AFC1)	Hex(FADEFA)	Hex(AFC1B8)	Hex(615761)	Hex(A100A1)	Hex(210021)
Hex(C1AFC1)		Ratio: 1.66 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 9.36 Passed ⁶
Hex(FADEFA)	Ratio: 1.66 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 15.55 Passed ⁶
Hex(AFC1B8)	Ratio: 1.10 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 3.66 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 10.25 Passed ⁶
Hex(615761)	Ratio: 3.34 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(A100A1)	Ratio: 3.36 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(210021)	Ratio: 9.36 Passed ⁶	Ratio: 15.55 Passed ⁶	Ratio: 10.25 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 2.79 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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