

Converting Colors - WCAG Matrix

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

Hex(C68BBB) Hex(FFA3EE) Hex(C68B9E) Hex(635A62) Hex(A30085) Hex(24001D)

	Hex(C68BBB)	Hex(FFA3EE)	Hex(C68B9E)	Hex(635A62)	Hex(A30085)	Hex(24001D)
Hex(C68BBB)		Ratio: 1.50 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 7.15 Passed ⁶
Hex(FFA3EE)	Ratio: 1.50 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 10.73 Passed ⁶
Hex(C68B9E)	Ratio: 1.03 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 6.94 AA ¹ AAA 18pt ⁴
Hex(635A62)	Ratio: 2.46 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(A30085)	Ratio: 2.70 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(24001D)	Ratio: 7.15 Passed ⁶	Ratio: 10.73 Passed ⁶	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 2.90 Failed ⁵	Ratio: 2.65 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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