

Converting Colors - WCAG Matrix

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

Hex(C24A79) Hex(FC428B) Hex(4AC256) Hex(61575B) Hex(A1003F) Hex(21000D)

	Hex(C24A79)	Hex(FC428B)	Hex(4AC256)	Hex(61575B)	Hex(A1003F)	Hex(21000D)
Hex(C24A79)		Ratio: 1.38 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(FC428B)	Ratio: 1.38 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴
Hex(4AC256)	Ratio: 2.01 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.02 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 8.54 Passed ⁶
Hex(61575B)	Ratio: 1.51 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 3.02 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A1003F)	Ratio: 1.76 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(21000D)	Ratio: 4.25 AA 18pt ²	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 8.54 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.42 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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