

Converting Colors - WCAG Matrix

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

Hex(C337AB) Hex(FC23D7) Hex(C33766) Hex(61575F) Hex(A10085) Hex(21001B)

	Hex(C337AB)	Hex(FC23D7)	Hex(C33766)	Hex(61575F)	Hex(A10085)	Hex(21001B)
Hex(C337AB)		Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(FC23D7)	Ratio: 1.43 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(C33766)	Ratio: 1.10 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(61575F)	Ratio: 1.47 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(A10085)	Ratio: 1.56 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(21001B)	Ratio: 4.12 AA 18pt ²	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.64 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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