

Converting Colors - WCAG Matrix

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

Hex(C73C99) Hex(FFC9ED) Hex(683CC7) Hex(806075) Hex(000000) Hex(808080)

	Hex(C73C99)	Hex(FFC9ED)	Hex(683CC7)	Hex(806075)	Hex(000000)	Hex(808080)
Hex(C73C99)		Ratio: 3.27 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(FFC9ED)	Ratio: 3.27 AA 18pt ²		Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²	Ratio: 14.83 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(683CC7)	Ratio: 1.48 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴		Ratio: 1.26 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.74 Failed ⁵
Hex(806075)	Ratio: 1.18 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 3.85 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(000000)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 14.83 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 3.85 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.17 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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