

Converting Colors - WCAG Matrix

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

Hex(CC003F) Hex(FFB3CA) Hex(8B00CC) Hex(805260) Hex(000000) Hex(808080)

	Hex(CC003F)	Hex(FFB3CA)	Hex(8B00CC)	Hex(805260)	Hex(000000)	Hex(808080)
Hex(CC003F)		Ratio: 3.45 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(FFB3CA)	Ratio: 3.45 AA 18pt ²		Ratio: 4.23 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 12.55 Passed ⁶	Ratio: 2.36 Failed ⁵
Hex(8B00CC)	Ratio: 1.23 Failed ⁵	Ratio: 4.23 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(805260)	Ratio: 1.10 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(000000)	Ratio: 3.64 AA 18pt ²	Ratio: 12.55 Passed ⁶	Ratio: 2.97 Failed ⁵	Ratio: 3.29 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.46 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.61 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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