

Converting Colors - WCAG Matrix

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

Hex(E23F98) Hex(FFC7E6) Hex(883FE2) Hex(805E71) Hex(000000) Hex(808080)

	Hex(E23F98)	Hex(FFC7E6)	Hex(883FE2)	Hex(805E71)	Hex(000000)	Hex(808080)
Hex(E23F98)		Ratio: 2.70 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(FFC7E6)	Ratio: 2.70 Failed ⁵		Ratio: 3.78 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 14.56 Passed ⁶	Ratio: 2.74 Failed ⁵
Hex(883FE2)	Ratio: 1.40 Failed ⁵	Ratio: 3.78 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(805E71)	Ratio: 1.44 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 3.76 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(000000)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 14.56 Passed ⁶	Ratio: 3.86 AA 18pt ²	Ratio: 3.76 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.02 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.42 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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