

Converting Colors - WCAG Matrix

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

Hex(EF07A6) Hex(FFB5E8) Hex(4D07EF) Hex(805371) Hex(000000) Hex(808080)

	Hex(EF07A6)	Hex(FFB5E8)	Hex(4D07EF)	Hex(805371)	Hex(000000)	Hex(808080)
Hex(EF07A6)		Ratio: 2.48 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(FFB5E8)	Ratio: 2.48 Failed ⁵		Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²	Ratio: 13.03 Passed ⁶	Ratio: 2.45 Failed ⁵
Hex(4D07EF)	Ratio: 2.03 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴		Ratio: 1.31 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(805371)	Ratio: 1.55 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(000000)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 13.03 Passed ⁶	Ratio: 2.59 Failed ⁵	Ratio: 3.39 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.01 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.57 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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