

Converting Colors - WCAG Matrix

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

Hex(EF0097) Hex(FFB3E3) Hex(5800EF) Hex(80526F) Hex(000000) Hex(808080)

	Hex(EF0097)	Hex(FFB3E3)	Hex(5800EF)	Hex(80526F)	Hex(000000)	Hex(808080)
Hex(EF0097)		Ratio: 2.50 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(FFB3E3)	Ratio: 2.50 Failed ⁵		Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 12.81 Passed ⁶	Ratio: 2.41 Failed ⁵
Hex(5800EF)	Ratio: 1.92 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴		Ratio: 1.26 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(80526F)	Ratio: 1.53 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(000000)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 12.81 Passed ⁶	Ratio: 2.66 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.04 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.59 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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