

Converting Colors - WCAG Matrix

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

Hex(FA5EC6) Hex(FFCFEF) Hex(925EFA) Hex(806276) Hex(000000) Hex(808080)

	Hex(FA5EC6)	Hex(FFCFEF)	Hex(925EFA)	Hex(806276)	Hex(000000)	Hex(808080)
Hex(FA5EC6)		Ratio: 2.06 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 7.48 Passed ⁶	Ratio: 1.41 Failed ⁵
Hex(FFCFEF)	Ratio: 2.06 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 15.42 Passed ⁶	Ratio: 2.90 Failed ⁵
Hex(925EFA)	Ratio: 1.44 Failed ⁵	Ratio: 2.96 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(806276)	Ratio: 1.91 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 3.93 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(000000)	Ratio: 7.48 Passed ⁶	Ratio: 15.42 Passed ⁶	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.41 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.35 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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