

Converting Colors - WCAG Matrix

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

Hex(F44A70) Hex(FFC9D5) Hex(CC4AF4) Hex(806067) Hex(000000) Hex(808080)

	Hex(F44A70)	Hex(FFC9D5)	Hex(CC4AF4)	Hex(806067)	Hex(000000)	Hex(808080)
Hex(F44A70)		Ratio: 2.40 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(FFC9D5)	Ratio: 2.40 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 14.57 Passed ⁶	Ratio: 2.74 Failed ⁵
Hex(CC4AF4)	Ratio: 1.04 Failed ⁵	Ratio: 2.49 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(806067)	Ratio: 1.60 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.55 Failed ⁵		Ratio: 3.79 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(000000)	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 14.57 Passed ⁶	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.14 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.40 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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