

Converting Colors - WCAG Matrix

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

Hex(F4484B) Hex(FFC9CA) Hex(F148F4) Hex(806060) Hex(000000) Hex(808080)

	Hex(F4484B)	Hex(FFC9CA)	Hex(F148F4)	Hex(806060)	Hex(000000)	Hex(808080)
Hex(F4484B)		Ratio: 2.46 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(FFC9CA)	Ratio: 2.46 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 14.46 Passed ⁶	Ratio: 2.72 Failed ⁵
Hex(F148F4)	Ratio: 1.19 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(806060)	Ratio: 1.56 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.85 Failed ⁵		Ratio: 3.76 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(000000)	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 14.46 Passed ⁶	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.10 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.41 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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