

Converting Colors - WCAG Matrix

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

Hex(F93753) Hex(FFC4CD) Hex(DC37F9) Hex(805C61) Hex(000000) Hex(808080)

	Hex(F93753)	Hex(FFC4CD)	Hex(DC37F9)	Hex(805C61)	Hex(000000)	Hex(808080)
Hex(F93753)		Ratio: 2.46 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(FFC4CD)	Ratio: 2.46 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 14.03 Passed ⁶	Ratio: 2.64 Failed ⁵
Hex(DC37F9)	Ratio: 1.05 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(805C61)	Ratio: 1.57 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.65 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(000000)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 14.03 Passed ⁶	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.07 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.47 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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