

Converting Colors - WCAG Matrix

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

Hex(FC853F) Hex(FFDAC4) Hex(FC3FB6) Hex(80695C) Hex(000000) Hex(808080)

	Hex(FC853F)	Hex(FFDAC4)	Hex(FC3FB6)	Hex(80695C)	Hex(000000)	Hex(808080)
Hex(FC853F)		Ratio: 1.88 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 8.57 Passed ⁶	Ratio: 1.61 Failed ⁵
Hex(FFDAC4)	Ratio: 1.88 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 16.08 Passed ⁶	Ratio: 3.02 AA 18pt ²
Hex(FC3FB6)	Ratio: 1.31 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(80695C)	Ratio: 2.09 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.59 Failed ⁵		Ratio: 4.09 AA 18pt ²	Ratio: 1.30 Failed ⁵
Hex(000000)	Ratio: 8.57 Passed ⁶	Ratio: 16.08 Passed ⁶	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 4.09 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.61 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.30 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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