

Converting Colors - WCAG Matrix

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

Hex(FFC59A) Hex(FFEDE0) Hex(FF9AD5) Hex(80756E) Hex(000000) Hex(808080)

	Hex(FFC59A)	Hex(FFEDE0)	Hex(FF9AD5)	Hex(80756E)	Hex(000000)	Hex(808080)
Hex(FFC59A)		Ratio: 1.35 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 13.71 Passed ⁶	Ratio: 2.58 Failed ⁵
Hex(FFEDE0)	Ratio: 1.35 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.44 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(FF9AD5)	Ratio: 1.26 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 10.84 Passed ⁶	Ratio: 2.04 Failed ⁵
Hex(80756E)	Ratio: 2.92 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.31 Failed ⁵		Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 13.71 Passed ⁶	Ratio: 18.44 Passed ⁶	Ratio: 10.84 Passed ⁶	Ratio: 4.69 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.58 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.13 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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