

Converting Colors - WCAG Matrix

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

Hex(FFC96B) Hex(FFEFD4) Hex(FF6BA1) Hex(807666) Hex(000000) Hex(808080)

	Hex(FFC96B)	Hex(FFEFD4)	Hex(FF6BA1)	Hex(807666)	Hex(000000)	Hex(808080)
Hex(FFC96B)		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 13.82 Passed ⁶	Ratio: 2.60 Failed ⁵
Hex(FFEFD4)	Ratio: 1.34 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 18.55 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(FF6BA1)	Ratio: 1.76 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 7.87 Passed ⁶	Ratio: 1.48 Failed ⁵
Hex(807666)	Ratio: 2.94 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.67 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 13.82 Passed ⁶	Ratio: 18.55 Passed ⁶	Ratio: 7.87 Passed ⁶	Ratio: 4.70 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.60 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.48 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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