

Converting Colors - WCAG Matrix

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

Hex(FFC4B2) Hex(FFEDE8) Hex(FFB2ED) Hex(807571) Hex(000000) Hex(808080)

	Hex(FFC4B2)	Hex(FFEDE8)	Hex(FFB2ED)	Hex(807571)	Hex(000000)	Hex(808080)
Hex(FFC4B2)		Ratio: 1.34 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 13.79 Passed ⁶	Ratio: 2.59 Failed ⁵
Hex(FFEDE8)	Ratio: 1.34 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.53 Passed ⁶	Ratio: 3.49 AA 18pt ²
Hex(FFB2ED)	Ratio: 1.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 12.84 Passed ⁶	Ratio: 2.42 Failed ⁵
Hex(807571)	Ratio: 2.93 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.73 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 13.79 Passed ⁶	Ratio: 18.53 Passed ⁶	Ratio: 12.84 Passed ⁶	Ratio: 4.70 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.59 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 2.42 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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