

Converting Colors - WCAG Matrix

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

Hex(FFD1B1) Hex(FFF1E8) Hex(FFB1E0) Hex(807771) Hex(000000) Hex(808080)

	Hex(FFD1B1)	Hex(FFF1E8)	Hex(FFB1E0)	Hex(807771)	Hex(000000)	Hex(808080)
Hex(FFD1B1)		Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 15.01 Passed ⁶	Ratio: 2.82 Failed ⁵
Hex(FFF1E8)	Ratio: 1.27 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 19.00 Passed ⁶	Ratio: 3.57 AA 18pt ²
Hex(FFB1E0)	Ratio: 1.19 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 12.62 Passed ⁶	Ratio: 2.37 Failed ⁵
Hex(807771)	Ratio: 3.13 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 2.63 Failed ⁵		Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 15.01 Passed ⁶	Ratio: 19.00 Passed ⁶	Ratio: 12.62 Passed ⁶	Ratio: 4.79 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.82 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.11 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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