

Converting Colors - WCAG Matrix

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

Hex(FFF9D0) Hex(FFFD00) Hex(FFD0D6) Hex(807E77) Hex(000000) Hex(808080)

	Hex(FFF9D0)	Hex(FFFD00)	Hex(FFD0D6)	Hex(807E77)	Hex(000000)	Hex(808080)
Hex(FFF9D0)		Ratio: 1.04 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 19.71 Passed ⁶	Ratio: 3.71 AA 18pt ²
Hex(FFFD00)	Ratio: 1.04 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 20.56 Passed ⁶	Ratio: 3.87 AA 18pt ²
Hex(FFD0D6)	Ratio: 1.29 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 15.25 Passed ⁶	Ratio: 2.87 Failed ⁵
Hex(807E77)	Ratio: 3.81 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 2.95 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 19.71 Passed ⁶	Ratio: 20.56 Passed ⁶	Ratio: 15.25 Passed ⁶	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.71 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 1.03 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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