

Converting Colors - WCAG Matrix

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

Hex(FFD8AD) Hex(FFF3E6) Hex(FFADD5) Hex(807870) Hex(000000) Hex(808080)

	Hex(FFD8AD)	Hex(FFF3E6)	Hex(FFADD5)	Hex(807870)	Hex(000000)	Hex(808080)
Hex(FFD8AD)		Ratio: 1.23 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 15.68 Passed ⁶	Ratio: 2.95 Failed ⁵
Hex(FFF3E6)	Ratio: 1.23 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 19.21 Passed ⁶	Ratio: 3.61 AA 18pt ²
Hex(FFADD5)	Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 12.19 Passed ⁶	Ratio: 2.29 Failed ⁵
Hex(807870)	Ratio: 3.24 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 15.68 Passed ⁶	Ratio: 19.21 Passed ⁶	Ratio: 12.19 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.95 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.10 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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