

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FFA27A) Hex(FFE2D6) Hex(FF7AD7) Hex(806F67) Hex(000000) Hex(808080)

Hex(FFA27A)		Ratio: 1.60 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 10.70 Passed ⁶	Ratio: 2.01 Failed ⁵
Hex(FFE2D6)	Ratio: 1.60 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 17.10 Passed ⁶	Ratio: 3.22 AA 18pt ²
Hex(FF7AD7)	Ratio: 1.19 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 9.02 Passed ⁶	Ratio: 1.70 Failed ⁵
Hex(806F67)	Ratio: 2.44 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.06 Failed ⁵		Ratio: 4.39 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 10.70 Passed ⁶	Ratio: 17.10 Passed ⁶	Ratio: 9.02 Passed ⁶	Ratio: 4.39 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.01 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 1.21 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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