

Converting Colors - WCAG Matrix

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

Hex(F87A68) Hex(FFD9D4) Hex(F868E7) Hex(806966) Hex(000000) Hex(808080)

	Hex(F87A68)	Hex(FFD9D4)	Hex(F868E7)	Hex(806966)	Hex(000000)	Hex(808080)
Hex(F87A68)		Ratio: 2.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 7.97 Passed ⁶	Ratio: 1.50 Failed ⁵
Hex(FFD9D4)	Ratio: 2.02 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 16.13 Passed ⁶	Ratio: 3.03 AA 18pt ²
Hex(F868E7)	Ratio: 1.02 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 8.13 Passed ⁶	Ratio: 1.53 Failed ⁵
Hex(806966)	Ratio: 1.93 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.97 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(000000)	Ratio: 7.97 Passed ⁶	Ratio: 16.13 Passed ⁶	Ratio: 8.13 Passed ⁶	Ratio: 4.13 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.50 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.29 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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