

Converting Colors - WCAG Matrix

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

Hex(FF9F64) Hex(FFE3D1) Hex(FF64C6) Hex(806E63) Hex(000000) Hex(808080)

	Hex(FF9F64)	Hex(FFE3D1)	Hex(FF64C6)	Hex(806E63)	Hex(000000)	Hex(808080)
Hex(FF9F64)		Ratio: 1.65 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 10.40 Passed ⁶	Ratio: 1.96 Failed ⁵
Hex(FFE3D1)	Ratio: 1.65 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 17.16 Passed ⁶	Ratio: 3.23 AA 18pt ²
Hex(FF64C6)	Ratio: 1.32 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 7.89 Passed ⁶	Ratio: 1.48 Failed ⁵
Hex(806E63)	Ratio: 2.40 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.82 Failed ⁵		Ratio: 4.33 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(000000)	Ratio: 10.40 Passed ⁶	Ratio: 17.16 Passed ⁶	Ratio: 7.89 Passed ⁶	Ratio: 4.33 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.96 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 1.23 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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