

Converting Colors - WCAG Matrix

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

Hex(FA7B62) Hex(FFD9D1) Hex(FA62E3) Hex(806863) Hex(000000) Hex(808080)

	Hex(FA7B62)	Hex(FFD9D1)	Hex(FA62E3)	Hex(806863)	Hex(000000)	Hex(808080)
Hex(FA7B62)		Ratio: 1.99 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 8.07 Passed ⁶	Ratio: 1.52 Failed ⁵
Hex(FFD9D1)	Ratio: 1.99 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 16.10 Passed ⁶	Ratio: 3.03 AA 18pt ²
Hex(FA62E3)	Ratio: 1.02 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 7.92 Passed ⁶	Ratio: 1.49 Failed ⁵
Hex(806863)	Ratio: 1.98 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 4.08 AA 18pt ²	Ratio: 1.30 Failed ⁵
Hex(000000)	Ratio: 8.07 Passed ⁶	Ratio: 16.10 Passed ⁶	Ratio: 7.92 Passed ⁶	Ratio: 4.08 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.52 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.30 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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