

Converting Colors - WCAG Matrix

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

Hex(FFBA61) Hex(FFAD42) Hex(F7FF61) Hex(807A73) Hex(BF6C00) Hex(402400)

	Hex(FFBA61)	Hex(FFAD42)	Hex(F7FF61)	Hex(807A73)	Hex(BF6C00)	Hex(402400)
Hex(FFBA61)		Ratio: 1.10 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 8.47 Passed ⁶
Hex(FFAD42)	Ratio: 1.10 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 7.69 Passed ⁶
Hex(F7FF61)	Ratio: 1.56 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 3.93 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 13.22 Passed ⁶
Hex(807A73)	Ratio: 2.52 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.93 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(BF6C00)	Ratio: 2.32 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 3.65 AA 18pt ²
Hex(402400)	Ratio: 8.47 Passed ⁶	Ratio: 7.69 Passed ⁶	Ratio: 13.22 Passed ⁶	Ratio: 3.37 AA 18pt ²	Ratio: 3.65 AA 18pt ²	

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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