

Converting Colors - WCAG Matrix

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

Hex(FFB971) Hex(FFAB54) Hex(FFFF71) Hex(807973) Hex(BF6100) Hex(402000)

	Hex(FFB971)	Hex(FFAB54)	Hex(FFFF71)	Hex(807973)	Hex(BF6100)	Hex(402000)
Hex(FFB971)		Ratio: 1.11 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 8.73 Passed ⁶
Hex(FFAB54)	Ratio: 1.11 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 7.87 Passed ⁶
Hex(FFFF71)	Ratio: 1.59 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 4.04 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 13.89 Passed ⁶
Hex(807973)	Ratio: 2.54 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 4.04 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(BF6100)	Ratio: 2.52 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 3.46 AA 18pt ²
Hex(402000)	Ratio: 8.73 Passed ⁶	Ratio: 7.87 Passed ⁶	Ratio: 13.89 Passed ⁶	Ratio: 3.44 AA 18pt ²	Ratio: 3.46 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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