

Converting Colors - WCAG Matrix

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

Hex(FFBBAB) Hex(FFAC99) Hex(FFE4AB) Hex(807573) Hex(BF2400) Hex(400C00)

	Hex(FFBBAB)	Hex(FFAC99)	Hex(FFE4AB)	Hex(807573)	Hex(BF2400)	Hex(400C00)
Hex(FFBBAB)		Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 10.19 Passed ⁶
Hex(FFAC99)	Ratio: 1.11 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 9.14 Passed ⁶
Hex(FFE4AB)	Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.60 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 13.33 Passed ⁶
Hex(807573)	Ratio: 2.75 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.60 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(BF2400)	Ratio: 3.73 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(400C00)	Ratio: 10.19 Passed ⁶	Ratio: 9.14 Passed ⁶	Ratio: 13.33 Passed ⁶	Ratio: 3.71 AA 18pt ²	Ratio: 2.73 Failed ⁵	

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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