

Converting Colors - WCAG Matrix

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

Hex(FFB9B3) Hex(FFAAA3) Hex(FFDEB3) Hex(807473) Hex(BF0F00) Hex(400500)

	Hex(FFB9B3)	Hex(FFAAA3)	Hex(FFDEB3)	Hex(807473)	Hex(BF0F00)	Hex(400500)
Hex(FFB9B3)		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 10.36 Passed ⁶
Hex(FFAAA3)	Ratio: 1.11 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 9.30 Passed ⁶
Hex(FFDEB3)	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 13.19 Passed ⁶
Hex(807473)	Ratio: 2.75 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.51 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0F00)	Ratio: 3.91 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(400500)	Ratio: 10.36 Passed ⁶	Ratio: 9.30 Passed ⁶	Ratio: 13.19 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.65 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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