

Converting Colors - WCAG Matrix

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

Hex(FFA8B7) Hex(FF96A8) Hex(FFC4A8) Hex(807375) Hex(BF0021) Hex(40000B)

	Hex(FFA8B7)	Hex(FF96A8)	Hex(FFC4A8)	Hex(807375)	Hex(BF0021)	Hex(40000B)
Hex(FFA8B7)		Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 9.43 Passed ⁶
Hex(FF96A8)	Ratio: 1.13 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 8.33 Passed ⁶
Hex(FFC4A8)	Ratio: 1.19 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 11.21 Passed ⁶
Hex(807375)	Ratio: 2.49 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.96 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF0021)	Ratio: 3.56 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(40000B)	Ratio: 9.43 Passed ⁶	Ratio: 8.33 Passed ⁶	Ratio: 11.21 Passed ⁶	Ratio: 3.78 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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