

Converting Colors - WCAG Matrix

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

Hex(F3B9C2) Hex(FFB5C1) Hex(E0F3B9) Hex(7A6E70) Hex(BA001D) Hex(3B0009)

	Hex(F3B9C2)	Hex(FFB5C1)	Hex(E0F3B9)	Hex(7A6E70)	Hex(BA001D)	Hex(3B0009)
Hex(F3B9C2)		Ratio: 1.01 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 10.53 Passed ⁶
Hex(FFB5C1)	Ratio: 1.01 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 10.61 Passed ⁶
Hex(E0F3B9)	Ratio: 1.41 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 4.12 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 14.87 Passed ⁶
Hex(7A6E70)	Ratio: 2.92 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.12 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(BA001D)	Ratio: 4.03 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(3B0009)	Ratio: 10.53 Passed ⁶	Ratio: 10.61 Passed ⁶	Ratio: 14.87 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 2.61 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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