

Converting Colors - WCAG Matrix

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

Hex(F7BFBE) Hex(FFB9B8) Hex(F7DBBE) Hex(7A6E6E) Hex(BA0300) Hex(3B0100)

	Hex(F7BFBE)	Hex(FFB9B8)	Hex(F7DBBE)	Hex(7A6E6E)	Hex(BA0300)	Hex(3B0100)
Hex(F7BFBE)		Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 11.05 Passed ⁶
Hex(FFB9B8)	Ratio: 1.02 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 10.82 Passed ⁶
Hex(F7DBBE)	Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.70 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 13.30 Passed ⁶
Hex(7A6E6E)	Ratio: 3.07 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 3.70 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA0300)	Ratio: 4.24 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(3B0100)	Ratio: 11.05 Passed ⁶	Ratio: 10.82 Passed ⁶	Ratio: 13.30 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.60 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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