

Converting Colors - WCAG Matrix

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

Hex(F5D9E0) Hex(FFDBE4) Hex(F5E0D9) Hex(7A6E71) Hex(BA002E) Hex(3B000F)

	Hex(F5D9E0)	Hex(FFDBE4)	Hex(F5E0D9)	Hex(7A6E71)	Hex(BA002E)	Hex(3B000F)
Hex(F5D9E0)		Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 13.32 Passed ⁶
Hex(FFDBE4)	Ratio: 1.04 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 13.84 Passed ⁶
Hex(F5E0D9)	Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.85 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 13.87 Passed ⁶
Hex(7A6E71)	Ratio: 3.70 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 3.85 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA002E)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(3B000F)	Ratio: 13.32 Passed ⁶	Ratio: 13.84 Passed ⁶	Ratio: 13.87 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.62 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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