

Converting Colors - WCAG Matrix

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

Hex(7D6F6E) Hex(FFFBFA) Hex(B1A2A1) Hex(CDBDBC) Hex(E9D9D8) Hex(FFF6F4)

	Hex(7D6F6E)	Hex(FFFBFA)	Hex(B1A2A1)	Hex(CDBDBC)	Hex(E9D9D8)	Hex(FFF6F4)
Hex(7D6F6E)		Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(FFFBFA)	Ratio: 4.67 AA ¹ AAA 18pt ⁴		Ratio: 2.39 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(B1A2A1)	Ratio: 1.96 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(CDBDBC)	Ratio: 2.65 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(E9D9D8)	Ratio: 3.52 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FFF6F4)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 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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