

Converting Colors - WCAG Matrix

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

Hex(7F7C75) Hex(FFFFFF) Hex(B4B1A9) Hex(D0CCC5) Hex(ECE8E1) Hex(FFFFFFD)

	Hex(7F7C75)	Hex(FFFFFF)	Hex(B4B1A9)	Hex(D0CCC5)	Hex(ECE8E1)	Hex(FFFFFFD)
Hex(7F7C75)		Ratio: 4.16 AA 18pt²	Ratio: 1.94 Failed⁵	Ratio: 2.60 Failed⁵	Ratio: 3.41 AA 18pt²	Ratio: 4.16 AA 18pt²
Hex(FFFFFF)	Ratio: 4.16 AA 18pt²		Ratio: 2.14 Failed⁵	Ratio: 1.60 Failed⁵	Ratio: 1.22 Failed⁵	Ratio: 1.00 Failed⁵
Hex(B4B1A9)	Ratio: 1.94 Failed⁵	Ratio: 2.14 Failed⁵		Ratio: 1.34 Failed⁵	Ratio: 1.75 Failed⁵	Ratio: 2.14 Failed⁵
Hex(D0CCC5)	Ratio: 2.60 Failed⁵	Ratio: 1.60 Failed⁵	Ratio: 1.34 Failed⁵		Ratio: 1.31 Failed⁵	Ratio: 1.60 Failed⁵
Hex(ECE8E1)	Ratio: 3.41 AA 18pt²	Ratio: 1.22 Failed⁵	Ratio: 1.75 Failed⁵	Ratio: 1.31 Failed⁵		Ratio: 1.22 Failed⁵
Hex(FFFFFFD)	Ratio: 4.16 AA 18pt²	Ratio: 1.00 Failed⁵	Ratio: 2.14 Failed⁵	Ratio: 1.60 Failed⁵	Ratio: 1.22 Failed⁵	

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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