

Converting Colors - WCAG Matrix

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

Hex(797D75) Hex(FFFFFF) Hex(ADB2A9) Hex(C9CDC4) Hex(E5E9E0) Hex(FFFFFFD)

Hex(797D75)		Ratio: 4.20 AA 18pt²	Ratio: 1.94 Failed⁵	Ratio: 2.60 Failed⁵	Ratio: 3.41 AA 18pt²
Hex(FFFFFF)	Ratio: 4.20 AA 18pt²		Ratio: 2.16 Failed⁵	Ratio: 1.61 Failed⁵	Ratio: 1.23 Failed⁵
Hex(ADB2A9)	Ratio: 1.94 Failed⁵	Ratio: 2.16 Failed⁵		Ratio: 1.34 Failed⁵	Ratio: 1.76 Failed⁵
Hex(C9CDC4)	Ratio: 2.60 Failed⁵	Ratio: 1.61 Failed⁵	Ratio: 1.34 Failed⁵		Ratio: 1.31 Failed⁵
Hex(E5E9E0)	Ratio: 3.41 AA 18pt²	Ratio: 1.23 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 1.31 Failed⁵	
Hex(FFFFFFD)	Ratio: 4.19 AA 18pt²	Ratio: 1.00 Failed⁵	Ratio: 2.16 Failed⁵	Ratio: 1.61 Failed⁵	Ratio: 1.23 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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