

Converting Colors - WCAG Matrix

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

Hex(7B7D69) Hex(FFFFFF) Hex(B0B29C) Hex(CBCDB7) Hex(E7E9D3) Hex(FFFDEF)

Hex(7B7D69)		Ratio: 4.22 AA 18pt²	Ratio: 1.95 Failed⁵	Ratio: 2.60 Failed⁵	Ratio: 3.41 AA 18pt²
Hex(FFFFFF)	Ratio: 4.22 AA 18pt²		Ratio: 2.17 Failed⁵	Ratio: 1.62 Failed⁵	Ratio: 1.24 Failed⁵
Hex(B0B29C)	Ratio: 1.95 Failed⁵	Ratio: 2.17 Failed⁵		Ratio: 1.34 Failed⁵	Ratio: 1.75 Failed⁵
Hex(CBCDB7)	Ratio: 2.60 Failed⁵	Ratio: 1.62 Failed⁵	Ratio: 1.34 Failed⁵		Ratio: 1.31 Failed⁵
Hex(E7E9D3)	Ratio: 3.41 AA 18pt²	Ratio: 1.24 Failed⁵	Ratio: 1.75 Failed⁵	Ratio: 1.31 Failed⁵	
Hex(FFFDEF)	Ratio: 4.18 AA 18pt²	Ratio: 1.01 Failed⁵	Ratio: 2.15 Failed⁵	Ratio: 1.61 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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