

Converting Colors - WCAG Matrix

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

Hex(9E9476) Hex(FFFFFF) Hex(D5CAAA) Hex(F2E6C6) Hex(FFFFE2) Hex(FFFFFFE)

Hex(9E9476)		Ratio: 3.02 AA 18pt²	Ratio: 1.85 Failed⁵	Ratio: 2.43 Failed⁵	Ratio: 2.97 Failed⁵	Ratio: 3.02 AA 18pt²
Hex(FFFFFF)	Ratio: 3.02 AA 18pt²		Ratio: 1.63 Failed⁵	Ratio: 1.24 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.00 Failed⁵
Hex(D5CAAA)	Ratio: 1.85 Failed⁵	Ratio: 1.63 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.61 Failed⁵	Ratio: 1.63 Failed⁵
Hex(F2E6C6)	Ratio: 2.43 Failed⁵	Ratio: 1.24 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.24 Failed⁵
Hex(FFFFE2)	Ratio: 2.97 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.61 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.02 Failed⁵
Hex(FFFFFFE)	Ratio: 3.02 AA 18pt²	Ratio: 1.00 Failed⁵	Ratio: 1.63 Failed⁵	Ratio: 1.24 Failed⁵	Ratio: 1.02 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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