

Converting Colors - WCAG Matrix

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

	Hex(8F91A9)	Hex(A0A1A9)	Hex(B1B0A9)	Hex(C2C0A9)	Hex(D3CFA9)	Hex(E3DFA9)	Hex(F4EFA9)	Hex(FFFEA9)	Hex(FFFA9)
Hex(8F91A9)		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(A0A1A9)	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(B1B0A9)	Ratio: 1.42 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(C2C0A9)	Ratio: 1.68 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(D3CFA9)	Ratio: 1.95 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(E3DFA9)	Ratio: 2.27 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(F4EFA9)	Ratio: 2.62 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(FFFEA9)	Ratio: 2.95 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFA9)	Ratio: 2.96 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 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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