

Converting Colors - WCAG Matrix

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

	Hex(81B961)	Hex(9CD57B)	Hex(B8F195)	Hex(D4FFB0)	Hex(F1FFCC)	Hex(FFFFE9)	Hex(FFFFFF)
Hex(81B961)		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(9CD57B)	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(B8F195)	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(D4FFB0)	Ratio: 2.07 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(F1FFCC)	Ratio: 2.20 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FFFFE9)	Ratio: 2.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 2.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 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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