

Converting Colors - WCAG Matrix

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

	Hex(C7C4C9)	Hex(D1D9C9)	Hex(DBEDC9)	Hex(E6FFC9)	Hex(F0FFC9)	Hex(FAFFC9)	Hex(FFFFC9)
Hex(C7C4C9)		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(D1D9C9)	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(DBEDC9)	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(E6FFC9)	Ratio: 1.60 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(F0FFC9)	Ratio: 1.63 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FAFFC9)	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFC9)	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 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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