

Converting Colors - WCAG Matrix

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

	Hex(C4A6CF)	Hex(CABBCF)	Hex(CFCFCF)	Hex(D5E4CF)	Hex(DAF9CF)	Hex(E0FFCF)	Hex(E5FFCF)	Hex(EBFFCF)	Hex(F0FFCF)	Hex(F6FFCF)
Hex(C4A6CF)		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(CABBCF)	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(CFCFCF)	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(D5E4CF)	Ratio: 1.63 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(DAF9CF)	Ratio: 1.90 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(E0FFCF)	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(E5FFCF)	Ratio: 2.01 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(EBFFCF)	Ratio: 2.03 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(F0FFCF)	Ratio: 2.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(F6FFCF)	Ratio: 2.07 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 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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