

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(CF91B9)	Hex(CFA6C0)	Hex(CFBAC8)	Hex(CFCFCF)	Hex(CFE4D6)	Hex(CFF9DE)	Hex(CFFE5)	Hex(CFFEC)	Hex(CFFF4)	Hex(CFFFB)
Hex(CF91B9)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(CFA6C0)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(CFBAC8)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(CFCFCF)	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(CFE4D6)	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(CFF9DE)	Ratio: 2.17 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(CFFE5)	Ratio: 2.27 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(CFFEC)	Ratio: 2.28 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(CFFF4)	Ratio: 2.29 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(CFFFB)	Ratio: 2.30 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 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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