

Converting Colors - WCAG Matrix

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

	Hex(CC8F8F)	Hex(CCA3A3)	Hex(CCB8B8)	Hex(CCCCCC)	Hex(CCE1E1)	Hex(CCF5F5)	Hex(CCFFFF)
Hex(CC8F8F)		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(CCA3A3)	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(CCB8B8)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(CCCCCC)	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(CCE1E1)	Ratio: 1.95 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(CCF5F5)	Ratio: 2.27 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(CCFFFF)	Ratio: 2.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.08 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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