

Converting Colors - WCAG Matrix

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

	Hex(CB8B76)	Hex(CB9B8B)	Hex(CBAA9F)	Hex(CBB9B3)	Hex(CBC8C7)	Hex(CBD8DC)	Hex(CBE7F0)	Hex(CBF6FF)	Hex(CBFFFF)
Hex(CB8B76)		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(CB9B8B)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(CBAA9F)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(CBB9B3)	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(CBC8C7)	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(CBD8DC)	Ratio: 1.92 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(CBE7F0)	Ratio: 2.17 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(CBF6FF)	Ratio: 2.42 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(CBFFFF)	Ratio: 2.57 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 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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