

Converting Colors - WCAG Matrix

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

	Hex(C47D7C)	Hex(C49090)	Hex(C4A4A3)	Hex(C4B7B7)	Hex(C4CACA)	Hex(C4DEDE)	Hex(C4F1F2)	Hex(C4FFFF)
Hex(C47D7C)		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(C49090)	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(C4A4A3)	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(C4B7B7)	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(C4CACA)	Ratio: 1.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(C4DEDE)	Ratio: 2.26 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(C4F1F2)	Ratio: 2.62 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(C4FFFF)	Ratio: 2.91 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 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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