

Converting Colors - WCAG Matrix

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

	Hex(CC83B4)	Hex(CC6FAD)	Hex(CC5AA7)	Hex(CC46A0)	Hex(CC3199)	Hex(CC1D92)	Hex(CC098C)	Hex(CC0089)
Hex(CC83B4)		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(CC6FAD)	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(CC5AA7)	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(CC46A0)	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(CC3199)	Ratio: 1.67 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(CC1D92)	Ratio: 1.80 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(CC098C)	Ratio: 1.88 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(CC0089)	Ratio: 1.90 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 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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