

Converting Colors - WCAG Matrix

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

	Hex(C7A3C0)	Hex(C78FBC)	Hex(C77BB8)	Hex(C767B4)	Hex(C753B1)	Hex(C740AD)	Hex(C72CA9)	Hex(C718A5)	Hex(C704A1)	Hex(C700A0)
Hex(C7A3C0)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(C78FBC)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(C77BB8)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(C767B4)	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(C753B1)	Ratio: 1.78 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(C740AD)	Ratio: 1.98 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(C72CA9)	Ratio: 2.16 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(C718A5)	Ratio: 2.30 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(C704A1)	Ratio: 2.38 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(C700A0)	Ratio: 2.40 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 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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