

Converting Colors - WCAG Matrix

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

	Hex(7F78C5)	Hex(6D64C5)	Hex(5B51C5)	Hex(493DC5)	Hex(3729C5)	Hex(2515C5)	Hex(1402C5)	Hex(1200C5)
Hex(7F78C5)		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(6D64C5)	Ratio: 1.26 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(5B51C5)	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(493DC5)	Ratio: 1.96 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(3729C5)	Ratio: 2.36 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(2515C5)	Ratio: 2.71 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(1402C5)	Ratio: 2.92 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(1200C5)	Ratio: 2.94 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.09 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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