

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7C6380) Hex(FFFFFF) Hex(B196B4) Hex(CCB1D0) Hex(E8CDEC) Hex(FFE9FF)

Hex(7C6380)		Ratio: 5.31 AA¹ AAA 18pt⁴	Ratio: 2.00 Failed⁵	Ratio: 2.72 Failed⁵	Ratio: 3.64 AA 18pt²	Ratio: 4.64 AA¹ AAA 18pt⁴
Hex(FFFFFF)	Ratio: 5.31 AA¹ AAA 18pt⁴		Ratio: 2.66 Failed⁵	Ratio: 1.95 Failed⁵	Ratio: 1.46 Failed⁵	Ratio: 1.14 Failed⁵
Hex(B196B4)	Ratio: 2.00 Failed⁵	Ratio: 2.66 Failed⁵		Ratio: 1.36 Failed⁵	Ratio: 1.82 Failed⁵	Ratio: 2.33 Failed⁵
Hex(CCB1D0)	Ratio: 2.72 Failed⁵	Ratio: 1.95 Failed⁵	Ratio: 1.36 Failed⁵		Ratio: 1.34 Failed⁵	Ratio: 1.70 Failed⁵
Hex(E8CDEC)	Ratio: 3.64 AA 18pt²	Ratio: 1.46 Failed⁵	Ratio: 1.82 Failed⁵	Ratio: 1.34 Failed⁵		Ratio: 1.28 Failed⁵
Hex(FFE9FF)	Ratio: 4.64 AA¹ AAA 18pt⁴	Ratio: 1.14 Failed⁵	Ratio: 2.33 Failed⁵	Ratio: 1.70 Failed⁵	Ratio: 1.28 Failed⁵	

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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