

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(635E7E) Hex(FFFFFF) Hex(9691B3) Hex(B1ABCE) Hex(CCC6EB) Hex(E8E2FF)

	Hex(635E7E)	Hex(FFFFFF)	Hex(9691B3)	Hex(B1ABCE)	Hex(CCC6EB)	Hex(E8E2FF)
Hex(635E7E)		Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.12 AA ¹ AAA 18pt ⁴		Ratio: 3.00 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(9691B3)	Ratio: 2.04 Failed ⁵	Ratio: 3.00 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(B1ABCE)	Ratio: 2.79 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(CCC6EB)	Ratio: 3.74 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(E8E2FF)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 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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