

Converting Colors - WCAG Matrix

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

Hex(7E7C98) Hex(FFFFFF) Hex(B3B0CE) Hex(CFCCEB) Hex(EBE8FF)

	Hex(7E7C98)	Hex(FFFFFF)	Hex(B3B0CE)	Hex(CFCCEB)	Hex(EBE8FF)
Hex(7E7C98)		Ratio: 4.02 AA 18pt²	Ratio: 1.92 Failed⁵	Ratio: 2.58 Failed⁵	Ratio: 3.35 AA 18pt²
Hex(FFFFFF)	Ratio: 4.02 AA 18pt²		Ratio: 2.10 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 1.20 Failed⁵
Hex(B3B0CE)	Ratio: 1.92 Failed⁵	Ratio: 2.10 Failed⁵		Ratio: 1.35 Failed⁵	Ratio: 1.75 Failed⁵
Hex(CFCCEB)	Ratio: 2.58 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 1.35 Failed⁵		Ratio: 1.30 Failed⁵
Hex(EBE8FF)	Ratio: 3.35 AA 18pt²	Ratio: 1.20 Failed⁵	Ratio: 1.75 Failed⁵	Ratio: 1.30 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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