

Converting Colors - WCAG Matrix

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

Hex(7797A1) Hex(FFFFFF) Hex(ACCDD8) Hex(C8E9F4) Hex(E4FFFD)

	Hex(7797A1)	Hex(FFFFFF)	Hex(ACCDD8)	Hex(C8E9F4)	Hex(E4FFFD)
Hex(7797A1)		Ratio: 3.12 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(FFFFFF)	Ratio: 3.12 AA 18pt ²		Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(ACCDD8)	Ratio: 1.86 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(C8E9F4)	Ratio: 2.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(E4FFFD)	Ratio: 2.98 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 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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