

Converting Colors - WCAG Matrix

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

Hex(C9A7C1) Hex(FFF2FC) Hex(AFA7C9) Hex(80787E) Hex(000000) Hex(808080)

	Hex(C9A7C1)	Hex(FFF2FC)	Hex(AFA7C9)	Hex(80787E)	Hex(000000)	Hex(808080)
Hex(C9A7C1)		Ratio: 1.98 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 9.78 Passed ⁶	Ratio: 1.84 Failed ⁵
Hex(FFF2FC)	Ratio: 1.98 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.36 Passed ⁶	Ratio: 3.64 AA 18pt ²
Hex(AFA7C9)	Ratio: 1.06 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 9.19 Passed ⁶	Ratio: 1.73 Failed ⁵
Hex(80787E)	Ratio: 1.99 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 9.78 Passed ⁶	Ratio: 19.36 Passed ⁶	Ratio: 9.19 Passed ⁶	Ratio: 4.91 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.84 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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