

Converting Colors - WCAG Matrix

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

Hex(5F515A) Hex(FFFAFF) Hex(92828C) Hex(AC9CA6) Hex(C8B7C1) Hex(E4D2DD) Hex(FFEFFA)

	Hex(5F515A)	Hex(FFFAFF)	Hex(92828C)	Hex(AC9CA6)	Hex(C8B7C1)	Hex(E4D2DD)	Hex(FFEFFA)
Hex(5F515A)		Ratio: 7.25 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.75 AA ¹ AAA 18pt ⁴
Hex(FFFAFF)	Ratio: 7.25 Passed ⁶		Ratio: 3.52 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(92828C)	Ratio: 2.06 Failed ⁵	Ratio: 3.52 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(AC9CA6)	Ratio: 2.87 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(C8B7C1)	Ratio: 3.91 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(E4D2DD)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FFEFFA)	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.73 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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