

Converting Colors - WCAG Matrix

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

	Hex(5E585E)	Hex(FFFDFD)	Hex(908990)	Hex(ABA4AB)	Hex(C6BFC6)	Hex(E2DAE2)	Hex(FFF7FF)
Hex(5E585E)		Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 6.59 AA ¹ AAA 18pt ⁴
Hex(FFFDFD)	Ratio: 6.84 AA ¹ AAA 18pt ⁴		Ratio: 3.36 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(908990)	Ratio: 2.03 Failed ⁵	Ratio: 3.36 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(ABA4AB)	Ratio: 2.84 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(C6BFC6)	Ratio: 3.85 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(E2DAE2)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FFF7FF)	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 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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