

Converting Colors - WCAG Matrix

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

Hex(7D7275) Hex(FFFFFF) Hex(B2A6A9) Hex(CDC1C5) Hex(E9DDE1) Hex(FFF9FD)

	Hex(7D7275)	Hex(FFFFFF)	Hex(B2A6A9)	Hex(CDC1C5)	Hex(E9DDE1)	Hex(FFF9FD)
Hex(7D7275)		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.46 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 2.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(B2A6A9)	Ratio: 1.97 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(CDC1C5)	Ratio: 2.65 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(E9DDE1)	Ratio: 3.50 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(FFF9FD)	Ratio: 4.46 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 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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