

Converting Colors - WCAG Matrix

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

Hex(D7C8D6) Hex(FFEBFE) Hex(C8D7D0) Hex(6B606A) Hex(AB009F) Hex(2B0028)

	Hex(D7C8D6)	Hex(FFEBFE)	Hex(C8D7D0)	Hex(6B606A)	Hex(AB009F)	Hex(2B0028)
Hex(D7C8D6)		Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 11.58 Passed ⁶
Hex(FFEBFE)	Ratio: 1.41 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 16.38 Passed ⁶
Hex(C8D7D0)	Ratio: 1.07 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 4.02 AA 18pt ²	Ratio: 4.36 AA 18pt ²	Ratio: 12.43 Passed ⁶
Hex(6B606A)	Ratio: 3.74 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(AB009F)	Ratio: 4.06 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(2B0028)	Ratio: 11.58 Passed ⁶	Ratio: 16.38 Passed ⁶	Ratio: 12.43 Passed ⁶	Ratio: 3.09 AA 18pt ²	Ratio: 2.85 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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