

Converting Colors - WCAG Matrix

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

Hex(D5C0CF) Hex(FFE0F6) Hex(D5C0C5) Hex(6B6068) Hex(AB007A) Hex(2B001F)

	Hex(D5C0CF)	Hex(FFE0F6)	Hex(D5C0C5)	Hex(6B6068)	Hex(AB007A)	Hex(2B001F)
Hex(D5C0CF)		Ratio: 1.41 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 10.93 Passed ⁶
Hex(FFE0F6)	Ratio: 1.41 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 15.36 Passed ⁶
Hex(D5C0C5)	Ratio: 1.01 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 10.85 Passed ⁶
Hex(6B6068)	Ratio: 3.51 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(AB007A)	Ratio: 4.07 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(2B001F)	Ratio: 10.93 Passed ⁶	Ratio: 15.36 Passed ⁶	Ratio: 10.85 Passed ⁶	Ratio: 3.12 AA 18pt ²	Ratio: 2.68 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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