

Converting Colors - WCAG Matrix

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

Hex(D6C8CE) Hex(FFEBF3) Hex(C8D6D6) Hex(6B6065) Hex(AB0049) Hex(2B0013)

	Hex(D6C8CE)	Hex(FFEBF3)	Hex(C8D6D6)	Hex(6B6065)	Hex(AB0049)	Hex(2B0013)
Hex(D6C8CE)		Ratio: 1.42 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 11.70 Passed ⁶
Hex(FFEBF3)	Ratio: 1.42 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 16.57 Passed ⁶
Hex(C8D6D6)	Ratio: 1.08 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 4.03 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 12.63 Passed ⁶
Hex(6B6065)	Ratio: 3.73 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(AB0049)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(2B0013)	Ratio: 11.70 Passed ⁶	Ratio: 16.57 Passed ⁶	Ratio: 12.63 Passed ⁶	Ratio: 3.13 AA 18pt ²	Ratio: 2.54 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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