

Converting Colors - WCAG Matrix

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

Hex(D7C1C9) Hex(FFE0EC) Hex(C1D4D7) Hex(6B6064) Hex(AB003E) Hex(2B0010)

	Hex(D7C1C9)	Hex(FFE0EC)	Hex(C1D4D7)	Hex(6B6064)	Hex(AB003E)	Hex(2B0010)
Hex(D7C1C9)		Ratio: 1.39 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 11.13 Passed ⁶
Hex(FFE0EC)	Ratio: 1.39 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 15.43 Passed ⁶
Hex(C1D4D7)	Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 3.92 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 12.31 Passed ⁶
Hex(6B6064)	Ratio: 3.55 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB003E)	Ratio: 4.41 AA 18pt ²	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵		Ratio: 2.52 Failed ⁵
Hex(2B0010)	Ratio: 11.13 Passed ⁶	Ratio: 15.43 Passed ⁶	Ratio: 12.31 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 2.52 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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