

Converting Colors - WCAG Matrix

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

Hex(DCD7D8) Hex(FFF7F9) Hex(D7DCD8) Hex(6E696A) Hex(AD0023) Hex(2E0009)

	Hex(DCD7D8)	Hex(FFF7F9)	Hex(D7DCD8)	Hex(6E696A)	Hex(AD0023)	Hex(2E0009)
Hex(DCD7D8)		Ratio: 1.35 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 13.17 Passed ⁶
Hex(FFF7F9)	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 7.11 Passed ⁶	Ratio: 17.79 Passed ⁶
Hex(D7DCD8)	Ratio: 1.02 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.88 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 13.50 Passed ⁶
Hex(6E696A)	Ratio: 3.79 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(AD0023)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 7.11 Passed ⁶	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(2E0009)	Ratio: 13.17 Passed ⁶	Ratio: 17.79 Passed ⁶	Ratio: 13.50 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 2.50 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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