

Converting Colors - WCAG Matrix

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

Hex(DDD1D9) Hex(FFEDF9) Hex(DDD1D3) Hex(6E656B) Hex(AD0074) Hex(2E001F)

	Hex(DDD1D9)	Hex(FFEDF9)	Hex(DDD1D3)	Hex(6E656B)	Hex(AD0074)	Hex(2E001F)
Hex(DDD1D9)		Ratio: 1.32 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 12.50 Passed ⁶
Hex(FFEDF9)	Ratio: 1.32 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 16.49 Passed ⁶
Hex(DDD1D3)	Ratio: 1.00 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.78 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 12.44 Passed ⁶
Hex(6E656B)	Ratio: 3.80 AA 18pt ²	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(AD0074)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.67 Failed ⁵
Hex(2E001F)	Ratio: 12.50 Passed ⁶	Ratio: 16.49 Passed ⁶	Ratio: 12.44 Passed ⁶	Ratio: 3.29 AA 18pt ²	Ratio: 2.67 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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