

Converting Colors - WCAG Matrix

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

Hex(DDD5DB) Hex(FFF5FC) Hex(DDD5D7) Hex(6E686C) Hex(AD0082) Hex(2E0022)

	Hex(DDD5DB)	Hex(FFF5FC)	Hex(DDD5D7)	Hex(6E686C)	Hex(AD0082)	Hex(2E0022)
Hex(DDD5DB)		Ratio: 1.35 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 12.83 Passed ⁶
Hex(FFF5FC)	Ratio: 1.35 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 17.31 Passed ⁶
Hex(DDD5D7)	Ratio: 1.00 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 3.78 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 12.79 Passed ⁶
Hex(6E686C)	Ratio: 3.79 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(AD0082)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(2E0022)	Ratio: 12.83 Passed ⁶	Ratio: 17.31 Passed ⁶	Ratio: 12.79 Passed ⁶	Ratio: 3.39 AA 18pt ²	Ratio: 2.72 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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