

Converting Colors - WCAG Matrix

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

Hex(DFD7DB) Hex(FFF5FA) Hex(D7DFDF) Hex(706B6D) Hex(B00058) Hex(300018)

	Hex(DFD7DB)	Hex(FFF5FA)	Hex(D7DFDF)	Hex(706B6D)	Hex(B00058)	Hex(300018)
Hex(DFD7DB)		Ratio: 1.32 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 13.07 Passed ⁶
Hex(FFF5FA)	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 17.29 Passed ⁶
Hex(D7DFDF)	Ratio: 1.04 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.87 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 13.62 Passed ⁶
Hex(706B6D)	Ratio: 3.71 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(B00058)	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(300018)	Ratio: 13.07 Passed ⁶	Ratio: 17.29 Passed ⁶	Ratio: 13.62 Passed ⁶	Ratio: 3.52 AA 18pt ²	Ratio: 2.62 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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