

Converting Colors - WCAG Matrix

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

Hex(DED6DD) Hex(FFF5FE) Hex(D6DEDB) Hex(706B6F) Hex(B0009A) Hex(30002A)

	Hex(DED6DD)	Hex(FFF5FE)	Hex(D6DEDB)	Hex(706B6F)	Hex(B0009A)	Hex(30002A)
Hex(DED6DD)		Ratio: 1.34 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 12.74 Passed ⁶
Hex(FFF5FE)	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 17.03 Passed ⁶
Hex(D6DEDB)	Ratio: 1.04 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.81 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 13.23 Passed ⁶
Hex(706B6F)	Ratio: 3.67 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(B0009A)	Ratio: 4.46 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(30002A)	Ratio: 12.74 Passed ⁶	Ratio: 17.03 Passed ⁶	Ratio: 13.23 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 2.86 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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