

Converting Colors - WCAG Matrix

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

Hex(DBB2DB) Hex(FFC7FF) Hex(B2DBC7) Hex(6E636E) Hex(AD00AD) Hex(2E002E)

	Hex(DBB2DB)	Hex(FFC7FF)	Hex(B2DBC7)	Hex(6E636E)	Hex(AD00AD)	Hex(2E002E)
Hex(DBB2DB)		Ratio: 1.30 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 9.87 Passed ⁶
Hex(FFC7FF)	Ratio: 1.30 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 12.86 Passed ⁶
Hex(B2DBC7)	Ratio: 1.21 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.77 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 11.99 Passed ⁶
Hex(6E636E)	Ratio: 3.10 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 3.77 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(AD00AD)	Ratio: 3.37 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 2.93 Failed ⁵
Hex(2E002E)	Ratio: 9.87 Passed ⁶	Ratio: 12.86 Passed ⁶	Ratio: 11.99 Passed ⁶	Ratio: 3.18 AA 18pt ²	Ratio: 2.93 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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