

Converting Colors - WCAG Matrix

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

Hex(E1DBFF) Hex(DBD4FF) Hex(F3DBFF) Hex(757380) Hex(2000BF) Hex(0B0040)

	Hex(E1DBFF)	Hex(DBD4FF)	Hex(F3DBFF)	Hex(757380)	Hex(2000BF)	Hex(0B0040)
Hex(E1DBFF)		Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 8.70 Passed ⁶	Ratio: 14.50 Passed ⁶
Hex(DBD4FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 8.20 Passed ⁶	Ratio: 13.67 Passed ⁶
Hex(F3DBFF)	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 9.03 Passed ⁶	Ratio: 15.06 Passed ⁶
Hex(757380)	Ratio: 3.49 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.63 AA 18pt ²		Ratio: 2.49 Failed ⁵	Ratio: 4.15 AA 18pt ²
Hex(2000BF)	Ratio: 8.70 Passed ⁶	Ratio: 8.20 Passed ⁶	Ratio: 9.03 Passed ⁶	Ratio: 2.49 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(0B0040)	Ratio: 14.50 Passed ⁶	Ratio: 13.67 Passed ⁶	Ratio: 15.06 Passed ⁶	Ratio: 4.15 AA 18pt ²	Ratio: 1.67 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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