

Converting Colors - WCAG Matrix

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

Hex(DFD8FF) Hex(D9D1FF) Hex(F2D8FF) Hex(757380) Hex(2000BF) Hex(0B0040)

	Hex(DFD8FF)	Hex(D9D1FF)	Hex(F2D8FF)	Hex(757380)	Hex(2000BF)	Hex(0B0040)
Hex(DFD8FF)		Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 8.49 Passed ⁶	Ratio: 14.16 Passed ⁶
Hex(D9D1FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 8.00 Passed ⁶	Ratio: 13.34 Passed ⁶
Hex(F2D8FF)	Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.55 AA 18pt ²	Ratio: 8.84 Passed ⁶	Ratio: 14.74 Passed ⁶
Hex(757380)	Ratio: 3.41 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 3.55 AA 18pt ²		Ratio: 2.49 Failed ⁵	Ratio: 4.15 AA 18pt ²
Hex(2000BF)	Ratio: 8.49 Passed ⁶	Ratio: 8.00 Passed ⁶	Ratio: 8.84 Passed ⁶	Ratio: 2.49 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(0B0040)	Ratio: 14.16 Passed ⁶	Ratio: 13.34 Passed ⁶	Ratio: 14.74 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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