

Converting Colors - WCAG Matrix

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

Hex(987CCD) Hex(FFFFFF) Hex(D0B1FF) Hex(EDCCFF) Hex(FFE9FF)

	Hex(987CCD)	Hex(FFFFFF)	Hex(D0B1FF)	Hex(EDCCFF)	Hex(FFE9FF)
Hex(987CCD)		Ratio: 3.44 AA 18pt²	Ratio: 1.87 Failed⁵	Ratio: 2.41 Failed⁵	Ratio: 3.01 AA 18pt²
Hex(FFFFFF)	Ratio: 3.44 AA 18pt²		Ratio: 1.84 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 1.14 Failed⁵
Hex(D0B1FF)	Ratio: 1.87 Failed⁵	Ratio: 1.84 Failed⁵		Ratio: 1.29 Failed⁵	Ratio: 1.61 Failed⁵
Hex(EDCCFF)	Ratio: 2.41 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 1.29 Failed⁵		Ratio: 1.25 Failed⁵
Hex(FFE9FF)	Ratio: 3.01 AA 18pt²	Ratio: 1.14 Failed⁵	Ratio: 1.61 Failed⁵	Ratio: 1.25 Failed⁵	

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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