

Converting Colors - WCAG Matrix

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

Hex(C3C0CC) Hex(F2EDFF) Hex(C9C0CC) Hex(605E66) Hex(2900A6) Hex(0A0026)

	Hex(C3C0CC)	Hex(F2EDFF)	Hex(C9C0CC)	Hex(605E66)	Hex(2900A6)	Hex(0A0026)
Hex(C3C0CC)		Ratio: 1.56 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 7.13 Passed ⁶	Ratio: 11.27 Passed ⁶
Hex(F2EDFF)	Ratio: 1.56 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 11.14 Passed ⁶	Ratio: 17.61 Passed ⁶
Hex(C9C0CC)	Ratio: 1.01 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 7.23 Passed ⁶	Ratio: 11.43 Passed ⁶
Hex(605E66)	Ratio: 3.57 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²		Ratio: 2.00 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(2900A6)	Ratio: 7.13 Passed ⁶	Ratio: 11.14 Passed ⁶	Ratio: 7.23 Passed ⁶	Ratio: 2.00 Failed ⁵		Ratio: 1.58 Failed ⁵
Hex(0A0026)	Ratio: 11.27 Passed ⁶	Ratio: 17.61 Passed ⁶	Ratio: 11.43 Passed ⁶	Ratio: 3.16 AA 18pt ²	Ratio: 1.58 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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