

Converting Colors - WCAG Matrix

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

Hex(C35DC2) Hex(FC5DFB) Hex(5DC390) Hex(615761) Hex(A1009F) Hex(210021)

	Hex(C35DC2)	Hex(FC5DFB)	Hex(5DC390)	Hex(615761)	Hex(A1009F)	Hex(210021)
Hex(C35DC2)		Ratio: 1.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴
Hex(FC5DFB)	Ratio: 1.43 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 7.45 Passed ⁶
Hex(5DC390)	Ratio: 1.71 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.18 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 8.90 Passed ⁶
Hex(615761)	Ratio: 1.86 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.18 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(A1009F)	Ratio: 1.88 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(210021)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 7.45 Passed ⁶	Ratio: 8.90 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 2.78 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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