

Converting Colors - WCAG Matrix

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

Hex(A38CDA) Hex(B291FF) Hex(C98CDA) Hex(66636E) Hex(3300AD) Hex(0E002E)

	Hex(A38CDA)	Hex(B291FF)	Hex(C98CDA)	Hex(66636E)	Hex(3300AD)	Hex(0E002E)
Hex(A38CDA)		Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 6.92 AA ¹ AAA 18pt ⁴
Hex(B291FF)	Ratio: 1.15 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 7.93 Passed ⁶
Hex(C98CDA)	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 7.79 Passed ⁶
Hex(66636E)	Ratio: 2.05 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(3300AD)	Ratio: 4.20 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵		Ratio: 1.65 Failed ⁵
Hex(0E002E)	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 7.93 Passed ⁶	Ratio: 7.79 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 1.65 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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