

Converting Colors - WCAG Matrix

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

Hex(CA4DFF) Hex(AD2CE2) Hex(8F00C5) Hex(7200A9) Hex(55008E) Hex(360074) Hex(000000)

	Hex(CA4DFF)	Hex(AD2CE2)	Hex(8F00C5)	Hex(7200A9)	Hex(55008E)	Hex(360074)	Hex(000000)
Hex(CA4DFF)		Ratio: 1.42 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 6.02 AA ¹ AAA 18pt ⁴
Hex(AD2CE2)	Ratio: 1.42 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 4.24 AA 18pt ²
Hex(8F00C5)	Ratio: 2.02 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(7200A9)	Ratio: 2.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(55008E)	Ratio: 3.39 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(360074)	Ratio: 4.27 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(000000)	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.41 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.

This PDF was generated on convertingcolors.com.