

Converting Colors - WCAG Matrix

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

Hex(CC04A7) Hex(FF00D0) Hex(CC8D04) Hex(665C64) Hex(A60087) Hex(26001F)

	Hex(CC04A7)	Hex(FF00D0)	Hex(CC8D04)	Hex(665C64)	Hex(A60087)	Hex(26001F)
Hex(CC04A7)		Ratio: 1.49 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(FF00D0)	Ratio: 1.49 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴
Hex(CC8D04)	Ratio: 1.78 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴
Hex(665C64)	Ratio: 1.26 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(A60087)	Ratio: 1.39 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(26001F)	Ratio: 3.76 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 2.98 Failed ⁵	Ratio: 2.70 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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