

Converting Colors - WCAG Matrix

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

Hex(CD80CE) Hex(FE8CFF) Hex(CE80A8) Hex(665C66) Hex(A400A6) Hex(260026)

	Hex(CD80CE)	Hex(FE8CFF)	Hex(CE80A8)	Hex(665C66)	Hex(A400A6)	Hex(260026)
Hex(CD80CE)		Ratio: 1.37 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 6.82 AA ¹ AAA 18pt ⁴
Hex(FE8CFF)	Ratio: 1.37 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 9.37 Passed ⁶
Hex(CE80A8)	Ratio: 1.04 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(665C66)	Ratio: 2.30 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(A400A6)	Ratio: 2.42 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(260026)	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 9.37 Passed ⁶	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 2.96 Failed ⁵	Ratio: 2.82 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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