

Converting Colors - WCAG Matrix

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

Hex(D074CE) Hex(FF78FC) Hex(D074A0) Hex(695E68) Hex(A800A5) Hex(290028)

	Hex(D074CE)	Hex(FF78FC)	Hex(D074A0)	Hex(695E68)	Hex(A800A5)	Hex(290028)
Hex(D074CE)		Ratio: 1.32 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 6.29 AA ¹ AAA 18pt ⁴
Hex(FF78FC)	Ratio: 1.32 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 8.31 Passed ⁶
Hex(D074A0)	Ratio: 1.06 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(695E68)	Ratio: 2.08 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(A800A5)	Ratio: 2.20 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(290028)	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 8.31 Passed ⁶	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 3.02 AA 18pt ²	Ratio: 2.85 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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