

Converting Colors - WCAG Matrix

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

Hex(D05898) Hex(FF4FAD) Hex(D0CC58) Hex(695E64) Hex(A8005A) Hex(290016)

	Hex(D05898)	Hex(FF4FAD)	Hex(D0CC58)	Hex(695E64)	Hex(A8005A)	Hex(290016)
Hex(D05898)		Ratio: 1.26 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(FF4FAD)	Ratio: 1.26 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 6.31 AA ¹ AAA 18pt ⁴
Hex(D0CC58)	Ratio: 2.25 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 11.27 Passed ⁶
Hex(695E64)	Ratio: 1.63 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.68 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(A8005A)	Ratio: 1.97 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(290016)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 11.27 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 2.54 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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