

Converting Colors - WCAG Matrix

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

Hex(D6729C) Hex(FF70AC) Hex(D67972) Hex(6B6065) Hex(AB0048) Hex(2B0012)

	Hex(D6729C)	Hex(FF70AC)	Hex(D67972)	Hex(6B6065)	Hex(AB0048)	Hex(2B0012)
Hex(D6729C)		Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(FF70AC)	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 7.35 Passed ⁶
Hex(D67972)	Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(6B6065)	Ratio: 1.94 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB0048)	Ratio: 2.39 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(2B0012)	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 7.35 Passed ⁶	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 3.14 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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