

Converting Colors - WCAG Matrix

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

Hex(D689CF) Hex(FF91F5) Hex(D689A9) Hex(6B606A) Hex(AB009B) Hex(2B0027)

	Hex(D689CF)	Hex(FF91F5)	Hex(D689A9)	Hex(6B606A)	Hex(AB009B)	Hex(2B0027)
Hex(D689CF)		Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 7.37 Passed ⁶
Hex(FF91F5)	Ratio: 1.27 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 9.38 Passed ⁶
Hex(D689A9)	Ratio: 1.04 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 7.08 Passed ⁶
Hex(6B606A)	Ratio: 2.38 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.28 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(AB009B)	Ratio: 2.60 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(2B0027)	Ratio: 7.37 Passed ⁶	Ratio: 9.38 Passed ⁶	Ratio: 7.08 Passed ⁶	Ratio: 3.10 AA 18pt ²	Ratio: 2.83 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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