

Converting Colors - WCAG Matrix

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

Hex(D051A6) Hex(FF45C1) Hex(D0B951) Hex(695E65) Hex(A80071) Hex(29001B)

	Hex(D051A6)	Hex(FF45C1)	Hex(D0B951)	Hex(695E65)	Hex(A80071)	Hex(29001B)
Hex(D051A6)		Ratio: 1.27 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(FF45C1)	Ratio: 1.27 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 6.19 AA ¹ AAA 18pt ⁴
Hex(D0B951)	Ratio: 1.99 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 9.67 Passed ⁶
Hex(695E65)	Ratio: 1.60 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.17 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(A80071)	Ratio: 1.86 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(29001B)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 9.67 Passed ⁶	Ratio: 3.05 AA 18pt ²	Ratio: 2.62 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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