

Converting Colors - WCAG Matrix

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

Hex(DB9FE2) Hex(F5A3FF) Hex(E29FC8) Hex(6F6570) Hex(9E00B0) Hex(2B0030)

	Hex(DB9FE2)	Hex(F5A3FF)	Hex(E29FC8)	Hex(6F6570)	Hex(9E00B0)	Hex(2B0030)
Hex(DB9FE2)		Ratio: 1.15 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 8.79 Passed ⁶
Hex(F5A3FF)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 10.10 Passed ⁶
Hex(E29FC8)	Ratio: 1.00 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 8.75 Passed ⁶
Hex(6F6570)	Ratio: 2.67 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 2.66 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(9E00B0)	Ratio: 3.27 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(2B0030)	Ratio: 8.79 Passed ⁶	Ratio: 10.10 Passed ⁶	Ratio: 8.75 Passed ⁶	Ratio: 3.29 AA 18pt ²	Ratio: 2.69 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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