

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E397D9) Hex(FF99F2) Hex(97E3C6) Hex(70656F) Hex(B0009A) Hex(30002A)

Hex(E397D9)		Ratio: 1.14 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 8.36 Passed ⁶
Hex(FF99F2)	Ratio: 1.14 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 9.57 Passed ⁶
Hex(97E3C6)	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 12.18 Passed ⁶
Hex(70656F)	Ratio: 2.56 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.74 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(B0009A)	Ratio: 2.93 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(30002A)	Ratio: 8.36 Passed ⁶	Ratio: 9.57 Passed ⁶	Ratio: 12.18 Passed ⁶	Ratio: 3.26 AA 18pt ²	Ratio: 2.86 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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