

Converting Colors - WCAG Matrix

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

Hex(E371DD) Hex(FF66F7) Hex(E371A5) Hex(736772) Hex(B300AA) Hex(330030)

	Hex(E371DD)	Hex(FF66F7)	Hex(E371A5)	Hex(736772)	Hex(B300AA)	Hex(330030)
Hex(E371DD)		Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 6.48 AA ¹ AAA 18pt ⁴
Hex(FF66F7)	Ratio: 1.11 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 7.18 Passed ⁶
Hex(E371A5)	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(736772)	Ratio: 1.96 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(B300AA)	Ratio: 2.19 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(330030)	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 7.18 Passed ⁶	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.96 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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