

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E993DC) Hex(FF8FEE) Hex(E993B1) Hex(756A74) Hex(B5009A) Hex(36002D)

Hex(E993DC)		Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 8.09 Passed ⁶
Hex(FF8FEE)	Ratio: 1.08 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 8.72 Passed ⁶
Hex(E993B1)	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 7.76 Passed ⁶
Hex(756A74)	Ratio: 2.38 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(B5009A)	Ratio: 2.82 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(36002D)	Ratio: 8.09 Passed ⁶	Ratio: 8.72 Passed ⁶	Ratio: 7.76 Passed ⁶	Ratio: 3.41 AA 18pt ²	Ratio: 2.87 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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