

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E95EB6) Hex(FF47BC) Hex(E9D65E) Hex(756A71) Hex(B50073) Hex(360022)

	Hex(E95EB6)	Hex(FF47BC)	Hex(E9D65E)	Hex(756A71)	Hex(B50073)	Hex(360022)
Hex(E95EB6)		Ratio: 1.02 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴
Hex(FF47BC)	Ratio: 1.02 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴
Hex(E9D65E)	Ratio: 2.11 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 12.07 Passed ⁶
Hex(756A71)	Ratio: 1.66 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.51 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(B50073)	Ratio: 2.10 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(360022)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 12.07 Passed ⁶	Ratio: 3.44 AA 18pt ²	Ratio: 2.72 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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