

Converting Colors - WCAG Matrix

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

Hex(E82E64) Hex(FF0A51) Hex(2EC3E8) Hex(73676B) Hex(B20033) Hex(33000F)

	Hex(E82E64)	Hex(FF0A51)	Hex(2EC3E8)	Hex(73676B)	Hex(B20033)	Hex(33000F)
Hex(E82E64)		Ratio: 1.08 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(FF0A51)	Ratio: 1.08 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(2EC3E8)	Ratio: 2.02 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 8.79 Passed ⁶
Hex(73676B)	Ratio: 1.29 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B20033)	Ratio: 1.70 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(33000F)	Ratio: 4.36 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 8.79 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 2.56 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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