

Converting Colors - WCAG Matrix

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

Hex(7E15EF) Hex(7B00FF) Hex(E815EF) Hex(726C78) Hex(5800B8) Hex(1B0038)

	Hex(7E15EF)	Hex(7B00FF)	Hex(E815EF)	Hex(726C78)	Hex(5800B8)	Hex(1B0038)
Hex(7E15EF)		Ratio: 1.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(7B00FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(E815EF)	Ratio: 1.78 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(726C78)	Ratio: 1.27 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(5800B8)	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.91 Failed ⁵
Hex(1B0038)	Ratio: 2.94 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 1.91 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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