

Converting Colors - WCAG Matrix

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

Hex(8649FE) Hex(6F26FF) Hex(E049FE) Hex(777380) Hex(4100BF) Hex(160040)

	Hex(8649FE)	Hex(6F26FF)	Hex(E049FE)	Hex(777380)	Hex(4100BF)	Hex(160040)
Hex(8649FE)		Ratio: 1.29 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(6F26FF)	Ratio: 1.29 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(E049FE)	Ratio: 1.49 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(777380)	Ratio: 1.03 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 4.10 AA 18pt ²
Hex(4100BF)	Ratio: 2.22 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.30 Failed ⁵		Ratio: 1.78 Failed ⁵
Hex(160040)	Ratio: 3.97 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 1.78 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.

This PDF was generated on convertingcolors.com.