

Converting Colors - WCAG Matrix

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

Hex(959EFE) Hex(7C87FE) Hex(636FFE) Hex(4958FE) Hex(3041FE) Hex(172AFE) Hex(0015FE)

	Hex(959EFE)	Hex(7C87FE)	Hex(636FFE)	Hex(4958FE)	Hex(3041FE)	Hex(172AFE)	Hex(0015FE)
Hex(959EFE)		Ratio: 1.27 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.39 AA 18pt ²
Hex(7C87FE)	Ratio: 1.27 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(636FFE)	Ratio: 1.64 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(4958FE)	Ratio: 2.09 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(3041FE)	Ratio: 2.60 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(172AFE)	Ratio: 3.07 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(0015FE)	Ratio: 3.39 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 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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