

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(1453FF) Hex(0044FF) Hex(4714FF) Hex(737680) Hex(0033BF) Hex(001140)

	Hex(1453FF)	Hex(0044FF)	Hex(4714FF)	Hex(737680)	Hex(0033BF)	Hex(001140)
Hex(1453FF)		Ratio: 1.13 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(0044FF)	Ratio: 1.13 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(4714FF)	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(737680)	Ratio: 1.25 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(0033BF)	Ratio: 1.67 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(001140)	Ratio: 3.22 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.93 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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