

Converting Colors - WCAG Matrix

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

Hex(3371FF) Hex(0A55FF) Hex(5833FF) Hex(737780) Hex(003ABF) Hex(001340)

	Hex(3371FF)	Hex(0A55FF)	Hex(5833FF)	Hex(737780)	Hex(003ABF)	Hex(001340)
Hex(3371FF)		Ratio: 1.32 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 4.24 AA 18pt ²
Hex(0A55FF)	Ratio: 1.32 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(5833FF)	Ratio: 1.48 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(737780)	Ratio: 1.06 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(003ABF)	Ratio: 2.10 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(001340)	Ratio: 4.24 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 2.02 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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