

Converting Colors - WCAG Matrix

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

Hex(4B76C0) Hex(4387FA) Hex(594BC0) Hex(575B61) Hex(003BA1) Hex(000C21)

	Hex(4B76C0)	Hex(4387FA)	Hex(594BC0)	Hex(575B61)	Hex(003BA1)	Hex(000C21)
Hex(4B76C0)		Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 4.33 AA 18pt ²
Hex(4387FA)	Ratio: 1.31 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(594BC0)	Ratio: 1.46 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(575B61)	Ratio: 1.51 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(003BA1)	Ratio: 2.17 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(000C21)	Ratio: 4.33 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 2.97 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.99 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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