

Converting Colors - WCAG Matrix

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

Hex(5F4CFF) Hex(3033FE) Hex(0018E0) Hex(0000C3) Hex(0000A7) Hex(000091)

	Hex(5F4CFF)	Hex(3033FE)	Hex(0018E0)	Hex(0000C3)	Hex(0000A7)	Hex(000091)
Hex(5F4CFF)		Ratio: 1.31 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(3033FE)	Ratio: 1.31 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(0018E0)	Ratio: 1.80 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(0000C3)	Ratio: 2.22 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(0000A7)	Ratio: 2.54 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000091)	Ratio: 2.81 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.11 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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