

Converting Colors - WCAG Matrix

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

Hex(1853BC) Hex(0058F5) Hex(2E18BC) Hex(55585E) Hex(00399E) Hex(000B1F)

	Hex(1853BC)	Hex(0058F5)	Hex(2E18BC)	Hex(55585E)	Hex(00399E)	Hex(000B1F)
Hex(1853BC)		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(0058F5)	Ratio: 1.24 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(2E18BC)	Ratio: 1.52 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(55585E)	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(00399E)	Ratio: 1.44 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.95 Failed ⁵
Hex(000B1F)	Ratio: 2.81 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.95 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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