

Converting Colors - WCAG Matrix

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

Hex(036DBE) Hex(008CF7) Hex(0313BE) Hex(555A5E) Hex(005A9E) Hex(00111F)

	Hex(036DBE)	Hex(008CF7)	Hex(0313BE)	Hex(555A5E)	Hex(005A9E)	Hex(00111F)
Hex(036DBE)		Ratio: 1.55 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(008CF7)	Ratio: 1.55 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(0313BE)	Ratio: 2.14 Failed ⁵	Ratio: 3.31 AA 18pt ²		Ratio: 1.64 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(555A5E)	Ratio: 1.31 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(005A9E)	Ratio: 1.33 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(00111F)	Ratio: 3.58 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.67 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.69 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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