

Converting Colors - WCAG Matrix

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

Hex(328CD4) Hex(1499FF) Hex(323DD4) Hex(60666B) Hex(005FAB) Hex(00172B)

	Hex(328CD4)	Hex(1499FF)	Hex(323DD4)	Hex(60666B)	Hex(005FAB)	Hex(00172B)
Hex(328CD4)		Ratio: 1.20 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(1499FF)	Ratio: 1.20 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(323DD4)	Ratio: 2.12 Failed ⁵	Ratio: 2.55 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(60666B)	Ratio: 1.62 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(005FAB)	Ratio: 1.81 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(00172B)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 2.38 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.79 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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