

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(367DD8) Hex(197EFF) Hex(3E36D8) Hex(60656B) Hex(004BAB) Hex(00132B)

Hex(367DD8)		Ratio: 1.08 Failed⁵	Ratio: 1.87 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 1.96 Failed⁵	Ratio: 4.51 AA¹ AAA 18pt⁴
Hex(197EFF)	Ratio: 1.08 Failed⁵		Ratio: 2.01 Failed⁵	Ratio: 1.53 Failed⁵	Ratio: 2.11 Failed⁵	Ratio: 4.85 AA¹ AAA 18pt⁴
Hex(3E36D8)	Ratio: 1.87 Failed⁵	Ratio: 2.01 Failed⁵		Ratio: 1.31 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 2.41 Failed⁵
Hex(60656B)	Ratio: 1.42 Failed⁵	Ratio: 1.53 Failed⁵	Ratio: 1.31 Failed⁵		Ratio: 1.38 Failed⁵	Ratio: 3.17 AA 18pt²
Hex(004BAB)	Ratio: 1.96 Failed⁵	Ratio: 2.11 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 1.38 Failed⁵		Ratio: 2.30 Failed⁵
Hex(00132B)	Ratio: 4.51 AA¹ AAA 18pt⁴	Ratio: 4.85 AA¹ AAA 18pt⁴	Ratio: 2.41 Failed⁵	Ratio: 3.17 AA 18pt²	Ratio: 2.30 Failed⁵	

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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