

Converting Colors - WCAG Matrix

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

Hex(004EB5) Hex(0066EB) Hex(0C00B5) Hex(53575C) Hex(00439C) Hex(000C1C)

	Hex(004EB5)	Hex(0066EB)	Hex(0C00B5)	Hex(53575C)	Hex(00439C)	Hex(000C1C)
Hex(004EB5)		Ratio: 1.49 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(0066EB)	Ratio: 1.49 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(0C00B5)	Ratio: 1.64 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(53575C)	Ratio: 1.05 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(00439C)	Ratio: 1.21 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(000C1C)	Ratio: 2.58 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.13 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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