

Converting Colors - WCAG Matrix

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

Hex(154BB4) Hex(0050EB) Hex(2C14B4) Hex(505359) Hex(003499) Hex(00091A)

	Hex(154BB4)	Hex(0050EB)	Hex(2C14B4)	Hex(505359)	Hex(003499)	Hex(00091A)
Hex(154BB4)		Ratio: 1.24 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(0050EB)	Ratio: 1.24 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(2C14B4)	Ratio: 1.45 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(505359)	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(003499)	Ratio: 1.38 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.85 Failed ⁵
Hex(00091A)	Ratio: 2.56 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.85 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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