

Converting Colors - WCAG Matrix

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

Hex(0645B2) Hex(0055E8) Hex(1D06B2) Hex(505459) Hex(003899) Hex(00091A)

	Hex(0645B2)	Hex(0055E8)	Hex(1D06B2)	Hex(505459)	Hex(003899)	Hex(00091A)
Hex(0645B2)		Ratio: 1.38 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(0055E8)	Ratio: 1.38 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(1D06B2)	Ratio: 1.45 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(505459)	Ratio: 1.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(003899)	Ratio: 1.24 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(00091A)	Ratio: 2.37 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.92 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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