

Converting Colors - WCAG Matrix

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

Hex(0631B4) Hex(003AEB) Hex(3206B4) Hex(505359) Hex(002699) Hex(000619)

	Hex(0631B4)	Hex(003AEB)	Hex(3206B4)	Hex(505359)	Hex(002699)	Hex(000619)
Hex(0631B4)		Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(003AEB)	Ratio: 1.33 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(3206B4)	Ratio: 1.16 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(505359)	Ratio: 1.29 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(002699)	Ratio: 1.21 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(000619)	Ratio: 2.03 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.67 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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