

Converting Colors - WCAG Matrix

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

Hex(1B2B9E) Hex(021BCF) Hex(4B1B9E) Hex(47484F) Hex(00118F) Hex(00020F)

	Hex(1B2B9E)	Hex(021BCF)	Hex(4B1B9E)	Hex(47484F)	Hex(00118F)	Hex(00020F)
Hex(1B2B9E)		Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(021BCF)	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(4B1B9E)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(47484F)	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(00118F)	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.45 Failed ⁵
Hex(00020F)	Ratio: 1.86 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.45 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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