

Converting Colors - WCAG Matrix

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

	Hex(4B4D81)	Hex(323668)	Hex(19214F)	Hex(000C38)	Hex(000222)	Hex(000008)	Hex(000000)
Hex(4B4D81)		Ratio: 1.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(323668)	Ratio: 1.44 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(19214F)	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(000C38)	Ratio: 2.41 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(000222)	Ratio: 2.60 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(000008)	Ratio: 2.67 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.68 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 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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