

Converting Colors - WCAG Matrix

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

Hex(333366) Hex(292966) Hex(1F1F66) Hex(141466) Hex(0A0A66) Hex(000066)

Hex(333366)		Ratio: 1.13 Failed⁵	Ratio: 1.25 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.45 Failed⁵
Hex(292966)	Ratio: 1.13 Failed⁵		Ratio: 1.11 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.28 Failed⁵
Hex(1F1F66)	Ratio: 1.25 Failed⁵	Ratio: 1.11 Failed⁵		Ratio: 1.09 Failed⁵	Ratio: 1.16 Failed⁵
Hex(141466)	Ratio: 1.37 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.09 Failed⁵		Ratio: 1.06 Failed⁵
Hex(0A0A66)	Ratio: 1.45 Failed⁵	Ratio: 1.28 Failed⁵	Ratio: 1.16 Failed⁵	Ratio: 1.06 Failed⁵	
Hex(000066)	Ratio: 1.52 Failed⁵	Ratio: 1.35 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.11 Failed⁵	Ratio: 1.05 Failed⁵

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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