

Converting Colors - WCAG Matrix

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

	Hex(38445D)	Hex(2F3E5D)	Hex(25375D)	Hex(1C315D)	Hex(132B5D)	Hex(0A255D)	Hex(001E5D)
Hex(38445D)		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(2F3E5D)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(25375D)	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(1C315D)	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(132B5D)	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(0A255D)	Ratio: 1.50 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(001E5D)	Ratio: 1.60 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 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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