

Converting Colors - WCAG Matrix

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

Hex(4F4969) Hex(60578A) Hex(5F4969) Hex(313036) Hex(160075) Hex(2E00F5)

Hex(4F4969)		Ratio: 1.30 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(60578A)	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(5F4969)	Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(313036)	Ratio: 1.55 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(160075)	Ratio: 1.93 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.24 Failed ⁵	
Hex(2E00F5)	Ratio: 1.02 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.89 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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