

Converting Colors - WCAG Matrix

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

Hex(303069) Hex(303087) Hex(4D3069) Hex(303036) Hex(000075) Hex(0000F5)

Hex(303069)		Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(303087)	Ratio: 1.08 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(4D3069)	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(303036)	Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(000075)	Ratio: 1.39 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	
Hex(0000F5)	Ratio: 1.32 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.84 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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