

Converting Colors - WCAG Matrix

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

Hex(0B0B5B) Hex(000075) Hex(330B5B) Hex(29292E) Hex(00006E) Hex(0000ED)

	Hex(0B0B5B)	Hex(000075)	Hex(330B5B)	Hex(29292E)	Hex(00006E)	Hex(0000ED)
Hex(0B0B5B)		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(000075)	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(330B5B)	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(29292E)	Ratio: 1.20 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(00006E)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.81 Failed ⁵
Hex(0000ED)	Ratio: 1.83 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.81 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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