

Converting Colors - WCAG Matrix

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

Hex(524E83) Hex(3A376A) Hex(212251) Hex(070D3A) Hex(000224) Hex(00000B) Hex(000000)

	Hex(524E83)	Hex(3A376A)	Hex(212251)	Hex(070D3A)	Hex(000224)	Hex(00000B)	Hex(000000)
Hex(524E83)		Ratio: 1.44 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(3A376A)	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(212251)	Ratio: 1.97 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(070D3A)	Ratio: 2.46 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(000224)	Ratio: 2.68 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(00000B)	Ratio: 2.76 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.78 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 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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