

Converting Colors - WCAG Matrix

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

Hex(1F2035) Hex(222445) Hex(291F35) Hex(17171A) Hex(000459) Hex(000AD9)

	Hex(1F2035)	Hex(222445)	Hex(291F35)	Hex(17171A)	Hex(000459)	Hex(000AD9)
Hex(1F2035)		Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(222445)	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(291F35)	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(17171A)	Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(000459)	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.76 Failed ⁵
Hex(000AD9)	Ratio: 1.55 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.76 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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