

Converting Colors - WCAG Matrix

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

Hex(171F46) Hex(111E5C) Hex(261746) Hex(202124) Hex(001163) Hex(0027E3)

	Hex(171F46)	Hex(111E5C)	Hex(261746)	Hex(202124)	Hex(001163)	Hex(0027E3)
Hex(171F46)		Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(111E5C)	Ratio: 1.03 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(261746)	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(202124)	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(001163)	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.90 Failed ⁵
Hex(0027E3)	Ratio: 1.82 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.90 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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