

Converting Colors - WCAG Matrix

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

Hex(515189) Hex(383A6F) Hex(1F2557) Hex(01113F) Hex(000229) Hex(000113) Hex(000000)

	Hex(515189)	Hex(383A6F)	Hex(1F2557)	Hex(01113F)	Hex(000229)	Hex(000113)	Hex(000000)
Hex(515189)		Ratio: 1.44 Failed⁵	Ratio: 1.98 Failed⁵	Ratio: 2.50 Failed⁵	Ratio: 2.77 Failed⁵	Ratio: 2.85 Failed⁵	Ratio: 2.89 Failed⁵
Hex(383A6F)	Ratio: 1.44 Failed⁵		Ratio: 1.37 Failed⁵	Ratio: 1.74 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 1.98 Failed⁵	Ratio: 2.00 Failed⁵
Hex(1F2557)	Ratio: 1.98 Failed⁵	Ratio: 1.37 Failed⁵		Ratio: 1.27 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.44 Failed⁵	Ratio: 1.46 Failed⁵
Hex(01113F)	Ratio: 2.50 Failed⁵	Ratio: 1.74 Failed⁵	Ratio: 1.27 Failed⁵		Ratio: 1.11 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 1.15 Failed⁵
Hex(000229)	Ratio: 2.77 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.11 Failed⁵		Ratio: 1.03 Failed⁵	Ratio: 1.04 Failed⁵
Hex(000113)	Ratio: 2.85 Failed⁵	Ratio: 1.98 Failed⁵	Ratio: 1.44 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 1.03 Failed⁵		Ratio: 1.01 Failed⁵
Hex(000000)	Ratio: 2.89 Failed⁵	Ratio: 2.00 Failed⁵	Ratio: 1.46 Failed⁵	Ratio: 1.15 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.01 Failed⁵	

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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