

Converting Colors - WCAG Matrix

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

	Hex(576771)	Hex(4C6371)	Hex(405F71)	Hex(355A71)	Hex(2A5671)	Hex(1F5271)	Hex(134E71)	Hex(084971)	Hex(004671)
Hex(576771)		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(4C6371)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(405F71)	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(355A71)	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(2A5671)	Ratio: 1.34 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(1F5271)	Ratio: 1.43 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(134E71)	Ratio: 1.52 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(084971)	Ratio: 1.63 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(004671)	Ratio: 1.69 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 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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