

Converting Colors - WCAG Matrix

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

Hex(475666) Hex(556C85) Hex(474766) Hex(2E3033) Hex(003873) Hex(0075F2)

	Hex(475666)	Hex(556C85)	Hex(474766)	Hex(2E3033)	Hex(003873)	Hex(0075F2)
Hex(475666)		Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(556C85)	Ratio: 1.39 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(474766)	Ratio: 1.18 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(2E3033)	Ratio: 1.76 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(003873)	Ratio: 1.54 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(0075F2)	Ratio: 1.73 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.66 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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