

Converting Colors - WCAG Matrix

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

Hex(303337) Hex(3D4147) Hex(303037) Hex(191A1C) Hex(00275C) Hex(005EDB)

	Hex(303337)	Hex(3D4147)	Hex(303037)	Hex(191A1C)	Hex(00275C)	Hex(005EDB)
Hex(303337)		Ratio: 1.24 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(3D4147)	Ratio: 1.24 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(303037)	Ratio: 1.03 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(191A1C)	Ratio: 1.37 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(00275C)	Ratio: 1.15 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(005EDB)	Ratio: 2.19 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.51 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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