

Converting Colors - WCAG Matrix

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

Hex(061F43) Hex(002457) Hex(0B0643) Hex(1E1F21) Hex(002861) Hex(005CE0)

	Hex(061F43)	Hex(002457)	Hex(0B0643)	Hex(1E1F21)	Hex(002861)	Hex(005CE0)
Hex(061F43)		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(002457)	Ratio: 1.08 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(0B0643)	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(1E1F21)	Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(002861)	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(005CE0)	Ratio: 2.81 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.44 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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