

Converting Colors - WCAG Matrix

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

	Hex(00091D)	Hex(000C26)	Hex(05001D)	Hex(0E0E0F)	Hex(00194F)	Hex(0040CF)
Hex(00091D)		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(000C26)	Ratio: 1.02 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(05001D)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(0E0E0F)	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(00194F)	Ratio: 1.18 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(0040CF)	Ratio: 2.49 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.10 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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