

Converting Colors - WCAG Matrix

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

Hex(00061B) Hex(000824) Hex(07001B) Hex(0B0C0D) Hex(00124D) Hex(0030CC)

	Hex(00061B)	Hex(000824)	Hex(07001B)	Hex(0B0C0D)	Hex(00124D)	Hex(0030CC)
Hex(00061B)		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(000824)	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(07001B)	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(0B0C0D)	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(00124D)	Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(0030CC)	Ratio: 2.20 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.92 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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