

Converting Colors - WCAG Matrix

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

Hex(000621) Hex(00082B) Hex(0A0021) Hex(101012) Hex(000F52) Hex(0026D1)

	Hex(000621)	Hex(00082B)	Hex(0A0021)	Hex(101012)	Hex(000F52)	Hex(0026D1)
Hex(000621)		Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(00082B)	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(0A0021)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(101012)	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(000F52)	Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.85 Failed ⁵
Hex(0026D1)	Ratio: 2.10 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.85 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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