

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(0E3022) Hex(0A3D29) Hex(0E2D30) Hex(151716) Hex(005734) Hex(00D680)

	Hex(0E3022)	Hex(0A3D29)	Hex(0E2D30)	Hex(151716)	Hex(005734)	Hex(00D680)
Hex(0E3022)		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 7.46 Passed ⁶
Hex(0A3D29)	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(0E2D30)	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 7.61 Passed ⁶
Hex(151716)	Ratio: 1.26 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 9.37 Passed ⁶
Hex(005734)	Ratio: 1.65 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(00D680)	Ratio: 7.46 Passed ⁶	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 9.37 Passed ⁶	Ratio: 4.53 AA ¹ AAA 18pt ⁴	

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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