

Converting Colors - WCAG Matrix

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

Hex(143224) Hex(13402B) Hex(143132) Hex(171A18) Hex(00592F) Hex(00D972)

	Hex(143224)	Hex(13402B)	Hex(143132)	Hex(171A18)	Hex(00592F)	Hex(00D972)
Hex(143224)		Ratio: 1.19 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(13402B)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(143132)	Ratio: 1.00 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 7.37 Passed ⁶
Hex(171A18)	Ratio: 1.26 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 9.33 Passed ⁶
Hex(00592F)	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(00D972)	Ratio: 7.39 Passed ⁶	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 7.37 Passed ⁶	Ratio: 9.33 Passed ⁶	Ratio: 4.52 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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