

Converting Colors - WCAG Matrix

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

Hex(203000) Hex(293D00) Hex(083000) Hex(161715) Hex(3A5700) Hex(8FD600)

	Hex(203000)	Hex(293D00)	Hex(083000)	Hex(161715)	Hex(3A5700)	Hex(8FD600)
Hex(203000)		Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 7.94 Passed ⁶
Hex(293D00)	Ratio: 1.19 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴
Hex(083000)	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 8.22 Passed ⁶
Hex(161715)	Ratio: 1.27 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 10.09 Passed ⁶
Hex(3A5700)	Ratio: 1.71 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(8FD600)	Ratio: 7.94 Passed ⁶	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 8.22 Passed ⁶	Ratio: 10.09 Passed ⁶	Ratio: 4.63 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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