

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(538152) Hex(3B683A) Hex(234F24) Hex(08380F) Hex(002300) Hex(000000)

	Hex(538152)	Hex(3B683A)	Hex(234F24)	Hex(08380F)	Hex(002300)	Hex(000000)
Hex(538152)		Ratio: 1.43 Failed⁵	Ratio: 2.09 Failed⁵	Ratio: 2.93 Failed⁵	Ratio: 3.73 AA 18pt²	Ratio: 4.63 AA¹ AAA 18pt⁴
Hex(3B683A)	Ratio: 1.43 Failed⁵		Ratio: 1.46 Failed⁵	Ratio: 2.04 Failed⁵	Ratio: 2.60 Failed⁵	Ratio: 3.23 AA 18pt²
Hex(234F24)	Ratio: 2.09 Failed⁵	Ratio: 1.46 Failed⁵		Ratio: 1.40 Failed⁵	Ratio: 1.79 Failed⁵	Ratio: 2.22 Failed⁵
Hex(08380F)	Ratio: 2.93 Failed⁵	Ratio: 2.04 Failed⁵	Ratio: 1.40 Failed⁵		Ratio: 1.28 Failed⁵	Ratio: 1.58 Failed⁵
Hex(002300)	Ratio: 3.73 AA 18pt²	Ratio: 2.60 Failed⁵	Ratio: 1.79 Failed⁵	Ratio: 1.28 Failed⁵		Ratio: 1.24 Failed⁵
Hex(000000)	Ratio: 4.63 AA¹ AAA 18pt⁴	Ratio: 3.23 AA 18pt²	Ratio: 2.22 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.24 Failed⁵	

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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