

Converting Colors - WCAG Matrix

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

Hex(4C5452) Hex(353D3B) Hex(202726) Hex(081311) Hex(000000)

Hex(4C5452)		Ratio: 1.43 Failed⁵	Ratio: 1.96 Failed⁵	Ratio: 2.43 Failed⁵	Ratio: 2.70 Failed⁵
Hex(353D3B)	Ratio: 1.43 Failed⁵		Ratio: 1.36 Failed⁵	Ratio: 1.69 Failed⁵	Ratio: 1.88 Failed⁵
Hex(202726)	Ratio: 1.96 Failed⁵	Ratio: 1.36 Failed⁵		Ratio: 1.24 Failed⁵	Ratio: 1.38 Failed⁵
Hex(081311)	Ratio: 2.43 Failed⁵	Ratio: 1.69 Failed⁵	Ratio: 1.24 Failed⁵		Ratio: 1.11 Failed⁵
Hex(000000)	Ratio: 2.70 Failed⁵	Ratio: 1.88 Failed⁵	Ratio: 1.38 Failed⁵	Ratio: 1.11 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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