

Converting Colors - WCAG Matrix

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

Hex(5D6266) Hex(454A4E) Hex(2F3437) Hex(1A1F22) Hex(00060C) Hex(000000)

	Hex(5D6266)	Hex(454A4E)	Hex(2F3437)	Hex(1A1F22)	Hex(00060C)	Hex(000000)
Hex(5D6266)		Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.40 AA 18pt ²
Hex(454A4E)	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(2F3437)	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(1A1F22)	Ratio: 2.70 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(00060C)	Ratio: 3.30 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 3.40 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵	

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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