

Converting Colors - WCAG Matrix

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

Hex(5E5A61) Hex(464349) Hex(302C33) Hex(1B181E) Hex(000003) Hex(000000)

	Hex(5E5A61)	Hex(464349)	Hex(302C33)	Hex(1B181E)	Hex(000003)	Hex(000000)
Hex(5E5A61)		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.11 AA 18pt ²
Hex(464349)	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(302C33)	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(1B181E)	Ratio: 2.60 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(000003)	Ratio: 3.11 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 3.11 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.00 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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