

Converting Colors - WCAG Matrix

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

Hex(58565E) Hex(403F47) Hex(2A2930) Hex(16141C) Hex(000000)

Hex(58565E)		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(403F47)	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(2A2930)	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(16141C)	Ratio: 2.53 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 2.91 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.15 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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