

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(5C6360) Hex(76827C) Hex(5C6363) Hex(2C302E) Hex(007036) Hex(00F072)

	Hex(5C6360)	Hex(76827C)	Hex(5C6363)	Hex(2C302E)	Hex(007036)	Hex(00F072)
Hex(5C6360)		Ratio: 1.54 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.02 AA 18pt ²
Hex(76827C)	Ratio: 1.54 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(5C6363)	Ratio: 1.00 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(2C302E)	Ratio: 2.17 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.73 Passed ⁶
Hex(007036)	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 4.07 AA 18pt ²
Hex(00F072)	Ratio: 4.02 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 8.73 Passed ⁶	Ratio: 4.07 AA 18pt ²	

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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