

Converting Colors - WCAG Matrix

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

Hex(606662) Hex(7B857E) Hex(606665) Hex(2F3330) Hex(007326) Hex(00F251)

Hex(606662)		Ratio: 1.54 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(7B857E)	Ratio: 1.54 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(606665)	Ratio: 1.00 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(2F3330)	Ratio: 2.18 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.19 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(007326)	Ratio: 1.03 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.13 Failed ⁵	
Hex(00F251)	Ratio: 3.87 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 8.44 Passed ⁶	Ratio: 3.97 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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