

Converting Colors - WCAG Matrix

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

Hex(3D6652) Hex(458565) Hex(3D6665) Hex(2E3330) Hex(007339) Hex(00F279)

	Hex(3D6652)	Hex(458565)	Hex(3D6665)	Hex(2E3330)	Hex(007339)	Hex(00F279)
Hex(3D6652)		Ratio: 1.49 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.34 AA 18pt ²
Hex(458565)	Ratio: 1.49 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(3D6665)	Ratio: 1.02 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(2E3330)	Ratio: 1.97 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.56 Passed ⁶
Hex(007339)	Ratio: 1.09 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 3.98 AA 18pt ²
Hex(00F279)	Ratio: 4.34 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 8.56 Passed ⁶	Ratio: 3.98 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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