

Converting Colors - WCAG Matrix

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

Hex(006633) Hex(008542) Hex(006664) Hex(2E3330) Hex(007339) Hex(00F279)

Hex(006633)		Ratio: 1.50 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴
Hex(008542)	Ratio: 1.50 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(006664)	Ratio: 1.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(2E3330)	Ratio: 1.81 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.56 Passed ⁶
Hex(007339)	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 3.98 AA 18pt ²
Hex(00F279)	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	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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