

Converting Colors - WCAG Matrix

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

Hex(545756) Hex(6C706D) Hex(292B2B) Hex(006B36) Hex(00EB75)

	Hex(545756)	Hex(6C706D)	Hex(292B2B)	Hex(006B36)	Hex(00EB75)
Hex(545756)		Ratio: 1.45 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(6C706D)	Ratio: 1.45 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(292B2B)	Ratio: 1.95 Failed ⁵	Ratio: 2.83 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 8.91 Passed ⁶
Hex(006B36)	Ratio: 1.10 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 4.16 AA 18pt ²
Hex(00EB75)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²	Ratio: 8.91 Passed ⁶	Ratio: 4.16 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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