

Converting Colors - WCAG Matrix

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

Hex(005723) Hex(00702D) Hex(00574E) Hex(272B29) Hex(006B2B) Hex(00EB5E)

	Hex(005723)	Hex(00702D)	Hex(00574E)	Hex(272B29)	Hex(006B2B)	Hex(00EB5E)
Hex(005723)		Ratio: 1.41 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(00702D)	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(00574E)	Ratio: 1.04 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(272B29)	Ratio: 1.63 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 8.91 Passed ⁶
Hex(006B2B)	Ratio: 1.31 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 4.16 AA 18pt ²
Hex(00EB5E)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	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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