

Converting Colors - WCAG Matrix

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

Hex(445B4D) Hex(527560) Hex(445B58) Hex(292E2B) Hex(006E2B) Hex(00ED5D)

	Hex(445B4D)	Hex(527560)	Hex(445B58)	Hex(292E2B)	Hex(006E2B)	Hex(00ED5D)
Hex(445B4D)		Ratio: 1.43 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(527560)	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(445B58)	Ratio: 1.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(292E2B)	Ratio: 1.87 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.73 Passed ⁶
Hex(006E2B)	Ratio: 1.15 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 4.06 AA 18pt ²
Hex(00ED5D)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 8.73 Passed ⁶	Ratio: 4.06 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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