

Converting Colors - WCAG Matrix

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

Hex(3B3E33) Hex(4D5240) Hex(363E33) Hex(1E1F1C) Hex(455E00) Hex(A1DE00)

	Hex(3B3E33)	Hex(4D5240)	Hex(363E33)	Hex(1E1F1C)	Hex(455E00)	Hex(A1DE00)
Hex(3B3E33)		Ratio: 1.35 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(4D5240)	Ratio: 1.35 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(363E33)	Ratio: 1.02 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(1E1F1C)	Ratio: 1.52 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 10.22 Passed ⁶
Hex(455E00)	Ratio: 1.48 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(A1DE00)	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 10.22 Passed ⁶	Ratio: 4.54 AA ¹ AAA 18pt ⁴	

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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