

Converting Colors - WCAG Matrix

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

Hex(36332F) Hex(45403A) Hex(35362F) Hex(1C1B19) Hex(5C3600) Hex(DB8000)

	Hex(36332F)	Hex(45403A)	Hex(35362F)	Hex(1C1B19)	Hex(5C3600)	Hex(DB8000)
Hex(36332F)		Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(45403A)	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(35362F)	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.13 AA 18pt ²
Hex(1C1B19)	Ratio: 1.37 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(5C3600)	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 3.58 AA 18pt ²
Hex(DB8000)	Ratio: 4.25 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 3.58 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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