

Converting Colors - WCAG Matrix

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

Hex(362816) Hex(473115) Hex(343616) Hex(1C1B19) Hex(5C3400) Hex(DB7B00)

	Hex(362816)	Hex(473115)	Hex(343616)	Hex(1C1B19)	Hex(5C3400)	Hex(DB7B00)
Hex(362816)		Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(473115)	Ratio: 1.17 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(343616)	Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(1C1B19)	Ratio: 1.21 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴
Hex(5C3400)	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 3.52 AA 18pt ²
Hex(DB7B00)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 3.52 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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