

Converting Colors - WCAG Matrix

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

Hex(37310A) Hex(473E01) Hex(27370A) Hex(1C1C19) Hex(5C5000) Hex(DBBE00)

	Hex(37310A)	Hex(473E01)	Hex(27370A)	Hex(1C1C19)	Hex(5C5000)	Hex(DBBE00)
Hex(37310A)		Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 7.08 Passed ⁶
Hex(473E01)	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(27370A)	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 6.95 AA ¹ AAA 18pt ⁴
Hex(1C1C19)	Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 9.25 Passed ⁶
Hex(5C5000)	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 4.37 AA 18pt ²
Hex(DBBE00)	Ratio: 7.08 Passed ⁶	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 9.25 Passed ⁶	Ratio: 4.37 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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