

Converting Colors - WCAG Matrix

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

Hex(787877) Hex(5F605E) Hex(474846) Hex(313230) Hex(1C1D1B) Hex(010200) Hex(000000)

	Hex(787877)	Hex(5F605E)	Hex(474846)	Hex(313230)	Hex(1C1D1B)	Hex(010200)	Hex(000000)
Hex(787877)		Ratio: 1.43 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 4.75 AA ¹ AAA 18pt ⁴
Hex(5F605E)	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.32 AA 18pt ²
Hex(474846)	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(313230)	Ratio: 2.92 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(1C1D1B)	Ratio: 3.83 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(010200)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵	

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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