

Converting Colors - WCAG Matrix

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

Hex(010000) **Hex(000000)** **Hex(000101)** **Hex(40001C)** **Hex(BF0053)**

	Hex(010000)	Hex(000000)	Hex(000101)	Hex(40001C)	Hex(BF0053)
Hex(010000)		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(000000)	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(000101)	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(40001C)	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(BF0053)	Ratio: 3.34 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.71 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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