

Converting Colors - WCAG Matrix

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

Hex(FFFF37) Hex(FFFF0F) Hex(9BFF37) Hex(808073) Hex(BFBF00) Hex(404000)

	Hex(FFFF37)	Hex(FFFF0F)	Hex(9BFF37)	Hex(808073)	Hex(BFBF00)	Hex(404000)
Hex(FFFF37)		Ratio: 1.00 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 10.05 Passed ⁶
Hex(FFFF0F)	Ratio: 1.00 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 10.03 Passed ⁶
Hex(9BFF37)	Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 8.59 Passed ⁶
Hex(808073)	Ratio: 3.73 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 3.19 AA 18pt ²		Ratio: 2.03 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(BFBF00)	Ratio: 1.84 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(404000)	Ratio: 10.05 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 8.59 Passed ⁶	Ratio: 2.69 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴	

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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