

Converting Colors - WCAG Matrix

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

Hex(FF3340) Hex(FF0A19) Hex(FF8B33) Hex(807374) Hex(BF000C) Hex(400004)

	Hex(FF3340)	Hex(FF0A19)	Hex(FF8B33)	Hex(807374)	Hex(BF000C)	Hex(400004)
Hex(FF3340)		Ratio: 1.09 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴
Hex(FF0A19)	Ratio: 1.09 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 4.35 AA 18pt ²
Hex(FF8B33)	Ratio: 1.55 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 7.37 Passed ⁶
Hex(807374)	Ratio: 1.25 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF000C)	Ratio: 1.80 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400004)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 4.35 AA 18pt ²	Ratio: 7.37 Passed ⁶	Ratio: 3.79 AA 18pt ²	Ratio: 2.64 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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