

Converting Colors - WCAG Matrix

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

Hex(FF6975) Hex(FF4A58) Hex(69C1FF) Hex(807374) Hex(BF000F) Hex(400005)

	Hex(FF6975)	Hex(FF4A58)	Hex(69C1FF)	Hex(807374)	Hex(BF000F)	Hex(400005)
Hex(FF6975)		Ratio: 1.18 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(FF4A58)	Ratio: 1.18 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(69C1FF)	Ratio: 1.42 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 8.75 Passed ⁶
Hex(807374)	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF000F)	Ratio: 2.34 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400005)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 8.75 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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