

Converting Colors - WCAG Matrix

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

Hex(FF93A5) Hex(FF7D93) Hex(93FFB7) Hex(807375) Hex(BF0020) Hex(40000B)

	Hex(FF93A5)	Hex(FF7D93)	Hex(93FFB7)	Hex(807375)	Hex(BF0020)	Hex(40000B)
Hex(FF93A5)		Ratio: 1.16 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 8.15 Passed ⁶
Hex(FF7D93)	Ratio: 1.16 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 7.04 Passed ⁶
Hex(93FFB7)	Ratio: 1.73 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 14.09 Passed ⁶
Hex(807375)	Ratio: 2.15 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.72 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF0020)	Ratio: 3.08 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(40000B)	Ratio: 8.15 Passed ⁶	Ratio: 7.04 Passed ⁶	Ratio: 14.09 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.65 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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