

Converting Colors - WCAG Matrix

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

Hex(FF059B) Hex(FF0099) Hex(05FFE2) Hex(80737A) Hex(BF0073) Hex(400026)

	Hex(FF059B)	Hex(FF0099)	Hex(05FFE2)	Hex(80737A)	Hex(BF0073)	Hex(400026)
Hex(FF059B)		Ratio: 1.01 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(FF0099)	Ratio: 1.01 Failed ⁵		Ratio: 2.87 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(05FFE2)	Ratio: 2.86 Failed ⁵	Ratio: 2.87 Failed ⁵		Ratio: 3.53 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 13.17 Passed ⁶
Hex(80737A)	Ratio: 1.24 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.53 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF0073)	Ratio: 1.66 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(400026)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 13.17 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.78 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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