

Converting Colors - WCAG Matrix

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

Hex(F953A1) Hex(FF3393) Hex(53F6F9) Hex(7D7076) Hex(BD0059) Hex(3D001D)

	Hex(F953A1)	Hex(FF3393)	Hex(53F6F9)	Hex(7D7076)	Hex(BD0059)	Hex(3D001D)
Hex(F953A1)		Ratio: 1.10 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(FF3393)	Ratio: 1.10 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(53F6F9)	Ratio: 2.35 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 3.58 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 13.09 Passed ⁶
Hex(7D7076)	Ratio: 1.52 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.58 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(BD0059)	Ratio: 2.05 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(3D001D)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 13.09 Passed ⁶	Ratio: 3.66 AA 18pt ²	Ratio: 2.72 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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