

Converting Colors - WCAG Matrix

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

Hex(**FFABCE**) Hex(**FF92BF**) Hex(**FF78B0**) Hex(**FF5FA1**) Hex(**FF4592**) Hex(**FF2C83**) Hex(**FF1274**) Hex(**FF0069**)

	Hex(FFABCE)	Hex(FF92BF)	Hex(FF78B0)	Hex(FF5FA1)	Hex(FF4592)	Hex(FF2C83)	Hex(FF1274)	Hex(FF0069)
Hex(FFABCE)		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(FF92BF)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(FF78B0)	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FF5FA1)	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(FF4592)	Ratio: 1.84 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FF2C83)	Ratio: 2.01 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FF1274)	Ratio: 2.14 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FF0069)	Ratio: 2.19 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 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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