

Converting Colors - WCAG Matrix

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

	Hex(F85EF3)	Hex(F877F4)	Hex(F890F5)	Hex(F8A8F5)	Hex(F8C1F6)	Hex(F8DAF7)	Hex(F8F3F8)	Hex(F8FFF9)	Hex(F8FFFA)
Hex(F85EF3)		Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(F877F4)	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(F890F5)	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(F8A8F5)	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(F8C1F6)	Ratio: 1.77 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(F8DAF7)	Ratio: 2.07 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(F8F3F8)	Ratio: 2.43 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(F8FFF9)	Ratio: 2.62 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(F8FFFA)	Ratio: 2.62 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.00 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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