

Converting Colors - WCAG Matrix

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

	Hex(F4A4C4)	Hex(F48CB5)	Hex(F473A6)	Hex(F45B97)	Hex(F44389)	Hex(F42A7A)	Hex(F4126B)	Hex(F40060)
Hex(F4A4C4)		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(F48CB5)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(F473A6)	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(F45B97)	Ratio: 1.61 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(F44389)	Ratio: 1.82 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(F42A7A)	Ratio: 2.01 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(F4126B)	Ratio: 2.13 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(F40060)	Ratio: 2.18 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 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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