

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F24076) Hex(FFC7D8) Hex(BA40F2) Hex(805E68) Hex(000000) Hex(808080)

Hex(F24076)		Ratio: 2.50 Failed⁵	Ratio: 1.13 Failed⁵	Ratio: 1.55 Failed⁵	Ratio: 5.77 AA¹ AAA 18pt⁴	Ratio: 1.09 Failed⁵
Hex(FFC7D8)	Ratio: 2.50 Failed⁵		Ratio: 2.82 Failed⁵	Ratio: 3.88 AA 18pt²	Ratio: 14.41 Passed⁶	Ratio: 2.71 Failed⁵
Hex(BA40F2)	Ratio: 1.13 Failed⁵	Ratio: 2.82 Failed⁵		Ratio: 1.37 Failed⁵	Ratio: 5.10 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(805E68)	Ratio: 1.55 Failed⁵	Ratio: 3.88 AA 18pt²	Ratio: 1.37 Failed⁵		Ratio: 3.72 AA 18pt²	Ratio: 1.43 Failed⁵
Hex(000000)	Ratio: 5.77 AA¹ AAA 18pt⁴	Ratio: 14.41 Passed⁶	Ratio: 5.10 AA¹ AAA 18pt⁴	Ratio: 3.72 AA 18pt²		Ratio: 5.32 AA¹ AAA 18pt⁴
Hex(808080)	Ratio: 1.09 Failed⁵	Ratio: 2.71 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 5.32 AA¹ AAA 18pt⁴	

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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