

Converting Colors - WCAG Matrix

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

Hex(F280B7) Hex(FF6EB4) Hex(F28280) Hex(786C72) Hex(B80059) Hex(38001B)

	Hex(F280B7)	Hex(FF6EB4)	Hex(F28280)	Hex(786C72)	Hex(B80059)	Hex(38001B)
Hex(F280B7)		Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 7.22 Passed ⁶
Hex(FF6EB4)	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴
Hex(F28280)	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴
Hex(786C72)	Ratio: 2.04 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(B80059)	Ratio: 2.69 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(38001B)	Ratio: 7.22 Passed ⁶	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.69 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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