

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F18DAA) Hex(FF80A4) Hex(F1A18D) Hex(786C6F) Hex(B80035) Hex(380010)

Hex(F18DAA)		Ratio: 1.03 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 7.77 Passed ⁶
Hex(FF80A4)	Ratio: 1.03 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 7.55 Passed ⁶
Hex(F1A18D)	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 8.70 Passed ⁶
Hex(786C6F)	Ratio: 2.19 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.45 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(B80035)	Ratio: 2.96 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.35 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(380010)	Ratio: 7.77 Passed ⁶	Ratio: 7.55 Passed ⁶	Ratio: 8.70 Passed ⁶	Ratio: 3.55 AA 18pt ²	Ratio: 2.63 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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