

Converting Colors - WCAG Matrix

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

Hex(F25C87) Hex(FF4278) Hex(D4F25C) Hex(786C6F) Hex(B80035) Hex(380010)

	Hex(F25C87)	Hex(FF4278)	Hex(D4F25C)	Hex(786C6F)	Hex(B80035)	Hex(380010)
Hex(F25C87)		Ratio: 1.06 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(FF4278)	Ratio: 1.06 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴
Hex(D4F25C)	Ratio: 2.50 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 3.99 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 14.17 Passed ⁶
Hex(786C6F)	Ratio: 1.59 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.99 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(B80035)	Ratio: 2.15 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(380010)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 14.17 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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