

Converting Colors - WCAG Matrix

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

	Hex(450003)	Hex(FFAAA4)	Hex(810000)	Hex(A00015)	Hex(BF002A)	Hex(DF3340)	Hex(FF5357)	Hex(FF7070)	Hex(FF8D89)
Hex(450003)		Ratio: 9.20 Passed ⁶	Ratio: 1.54 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 7.51 Passed ⁶
Hex(FFAAA4)	Ratio: 9.20 Passed ⁶		Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.55 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(810000)	Ratio: 1.54 Failed ⁵	Ratio: 5.97 AA ¹ AAA 18pt ⁴		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(A00015)	Ratio: 2.00 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.76 AA 18pt ²
Hex(BF002A)	Ratio: 2.59 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(DF3340)	Ratio: 3.74 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(FF5357)	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.74 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FF7070)	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FF8D89)	Ratio: 7.51 Passed ⁶	Ratio: 1.22 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.21 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.

This PDF was generated on convertingcolors.com.