

Converting Colors - WCAG Matrix

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

	Hex(3D0020)	Hex(FFE9FF)	Hex(70314C)	Hex(8A4964)	Hex(A6627D)	Hex(C27B96)	Hex(DE96B1)	Hex(FBB1CD)	Hex(FFCCE9)
Hex(3D0020)		Ratio: 15.05 Passed ⁶	Ratio: 1.83 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 7.47 Passed ⁶	Ratio: 10.07 Passed ⁶	Ratio: 12.36 Passed ⁶
Hex(FFE9FF)	Ratio: 15.05 Passed ⁶		Ratio: 8.22 Passed ⁶	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(70314C)	Ratio: 1.83 Failed ⁵	Ratio: 8.22 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.08 AA 18pt ² AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 6.75 AA ¹ AAA 18pt ⁴
Hex(8A4964)	Ratio: 2.64 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.81 AA 18pt ² AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(A6627D)	Ratio: 3.83 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(C27B96)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 2.79 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(DE96B1)	Ratio: 7.47 Passed ⁶	Ratio: 2.02 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(FBB1CD)	Ratio: 10.07 Passed ⁶	Ratio: 1.50 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFCCE9)	Ratio: 12.36 Passed ⁶	Ratio: 1.22 Failed ⁵	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.23 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.