

Converting Colors

CIELCh(83, 18.014, 9.111)

Have a look what the booklet for
CIELCh(83, 18.014, 9.111) contains.

CIELCh(83, 18.014, 9.111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 18.014, 9.111)

Conversions

Conversions Part 1

Format	Color
Hex	F2C3CA
RGB	242, 195, 202
RGB Percent	95%, 76%, 79%
CMY	0.0510, 0.2353, 0.2079
CMYK	0.00, 0.19, 0.17, 0.05
HSL	351°, 64%, 86%
HSV	351°, 19%, 95%
XYZ	66.7845, 62.1629, 64.3479
YIQ	209.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

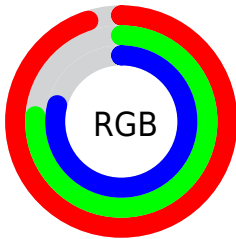
Format	Color
R _Y B	242, 195, 202
Decimal	15909834
CIE _{Lab}	83.00, 17.79, 2.85
CIE _{LCh}	83, 18.014, 9.111
Y _{xy}	62.1629, 0.3455, 0.3216
Android (android.graphics.Color)	4294099914 (0xFFFF2C3CA)
Y _{UV}	209.8510, -3.8705, 28.1947
Hunter-Lab	78.8435, 13.2226, 6.8010

Details

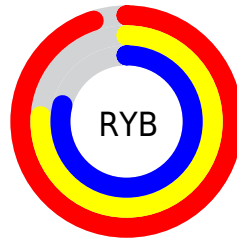
The CIELCh color **83, 18.014, 9.111** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 16.439, 185.593**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **63, 17.965, 8.821** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.034, 10.428**, and if you desaturate by 10%, it is **89, 8.485, 8.009**.

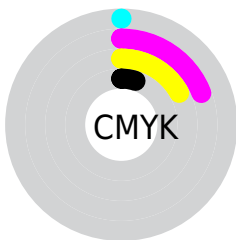
Distribution



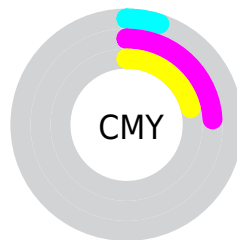
- Red (95%)
- Green (76%)
- Blue (79%)



- Red (95%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (5%)

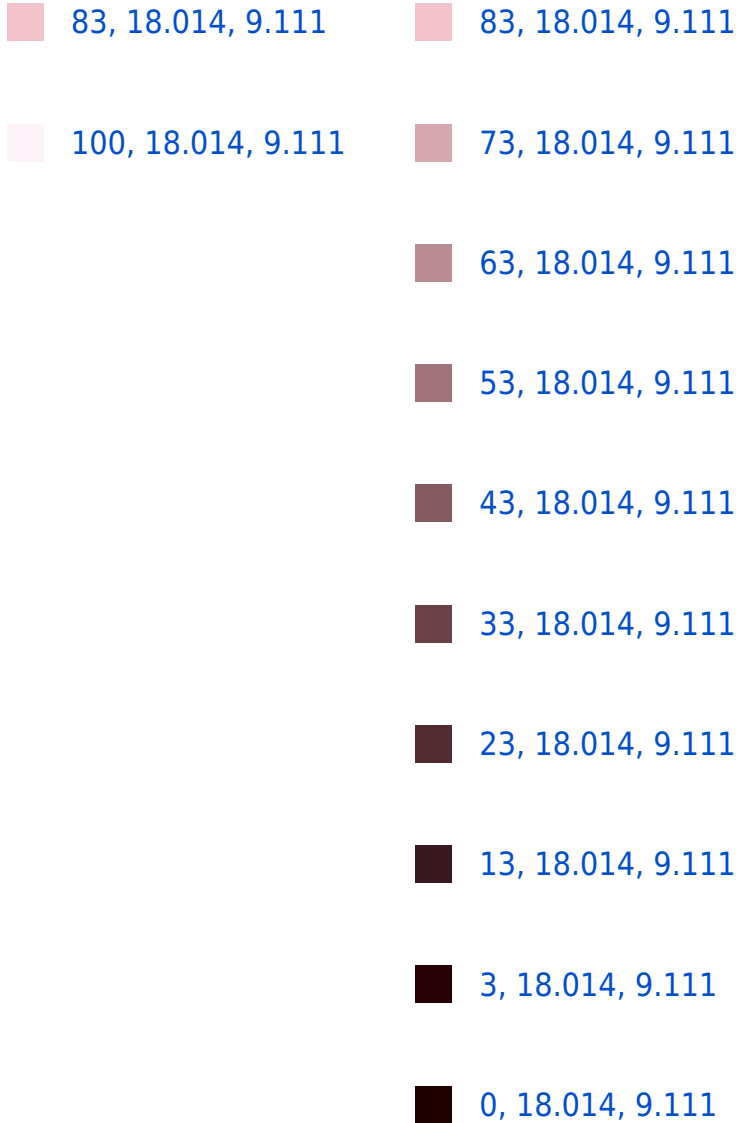


- Cyan (5%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 18.014, 9.111 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 83, 18.014, 9.111 by changing the saturation by 10% instead.



83, 18.014, 9.111

83, 18.014, 9.111

77, 28.034, 10.428

89, 8.485, 8.009

71, 38.434, 12.041

96, 0.503, 188.385

66, 48.999, 14.062

99, 4.487, 199.268

61, 59.411, 16.628

57, 69.283, 19.885

54, 78.265, 23.934

52, 86.154, 28.706

51, 92.902, 33.664

51, 93.276, 33.920

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83, 18.014, 9.111



92, 16.439, 185.593

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 18.014, 9.111



83, 18.014, 59.111



83, 18.014, 189.111



83, 18.014, 239.111

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83, 18.012, 9.117



96, 5.582, 7.645



83, 28.526, 321.181



51, 3.710, 7.716



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 18.012, 9.117



85, 22.486, 9.566



87, 14.511, 56.095



47, 5.079, 8.014



38, 75.096, 32.996



8, 29.163, 17.733

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83, 18.012, 9.117



85, 22.486, 9.566



88, 13.139, 239.891



47, 5.079, 8.014



38, 75.096, 32.996



8, 29.163, 17.733

Previews

White Background



This preview shows how the CIELCh color 83, 18.014, 9.111 looks on a white background.

Color Contrast Check

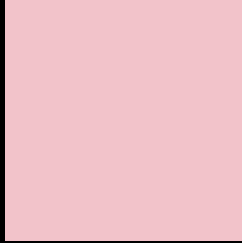
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 83, 18.014, 9.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 18.014, 9.111

Background



This preview shows how black text looks on a background with the CIELCh color 83, 18.014, 9.111.

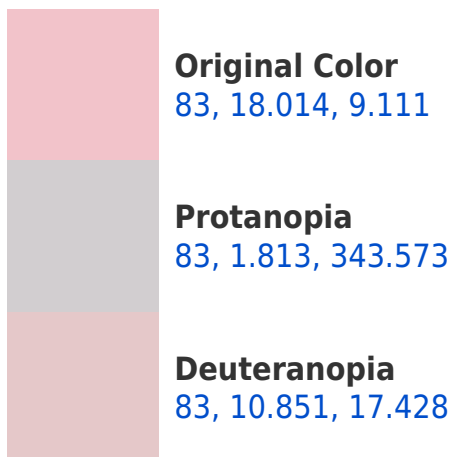


This preview shows how white text looks on a background with the CIELCh color 83, 18.014, 9.111.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
83, 19.784, 357.595

Trichromacy



Original Color
83, 18.014, 9.111

Protanomaly
83, 7.677, 4.023

Deuteranomaly
83, 13.583, 13.796

Tritanomaly
83, 19.304, 1.967

Monochromacy



Original Color
83, 18.014, 9.111

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.349, 10.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 18.014, 9.111 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 18.014, 9.111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 195, 202) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(242, 195, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(242, 195, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 18.014, 9.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 195, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
195, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor