

Converting Colors

CIELCh(84, 15.250, 14.387)

Have a look what the booklet for
CIELCh(84, 15.250, 14.387) contains.

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Color

CIELCh(84, 15.077, 14.592)

Conversions

Conversions Part 1

Format	Color
Hex	F0C8CB
RGB	240, 200, 203
RGB Percent	94%, 78%, 80%
CMY	0.0593, 0.2161, 0.2044
CMYK	0.00, 0.17, 0.15, 0.06
HSL	356°, 57%, 86%
HSV	356°, 17%, 94%
XYZ	67.2880, 64.0658, 65.2472
YIQ	212.3020, 22.8770, 9.4130

Conversions

Conversions Part 2

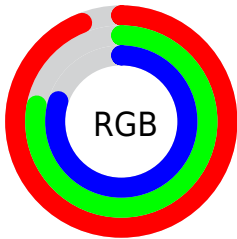
Format	Color
R _Y B	240, 200, 203
Decimal	15780043
CIE Lab	84.00, 14.59, 3.80
CIE LCh	84, 15.077, 14.592
Yxy	64.0658, 0.3423, 0.3259
Android (android.graphics.Color)	4293970123 (0xFFFF0C8CB)
YUV	212.3020, -4.5859, 24.2911
Hunter-Lab	80.0411, 9.9873, 7.6973

Details

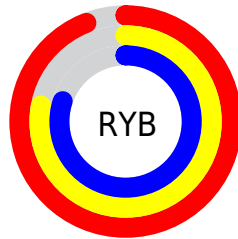
The CIELCh color **84, 15.077, 14.592** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.731, 192.031**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 15.245, 14.676** is the 20% darker color. If you saturate the color by 10%, you get **78, 24.936, 15.757**, and if you desaturate by 10%, it is **90, 5.827, 13.615**.

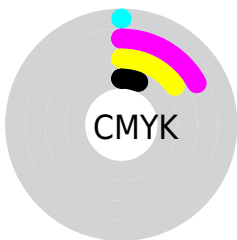
Distribution



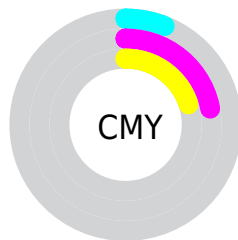
- Red (94%)
- Green (78%)
- Blue (80%)



- Red (94%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 15.077, 14.592 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 84, 15.077, 14.592 by changing the saturation by 10% instead.

 84, 15.077, 14.592

 84, 15.077, 14.592

 100, 15.077,
14.592

 74, 15.077, 14.592

 64, 15.077, 14.592

 54, 15.077, 14.592

 44, 15.077, 14.592

 34, 15.077, 14.592

 24, 15.077, 14.592

 14, 15.077, 14.592

 4, 15.077, 14.592

 0, 15.077, 14.592

84, 15.077, 14.592

84, 15.077, 14.592

78, 24.936, 15.757

90, 5.827, 13.615

72, 35.348, 17.203

97, 2.803, 193.190

66, 46.162, 19.043

99, 5.203, 199.203

61, 57.125, 21.401

57, 67.893, 24.403

54, 78.081, 28.114

52, 87.284, 32.382

50, 94.795, 36.577

50, 96.801, 37.664

Harmonies

Complementary

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



84, 15.077, 14.592



92, 13.731, 192.031

Rectangle

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



84, 15.077, 14.592



84, 15.077, 64.592



84, 15.077, 194.592



84, 15.077, 244.592

Sweetspot

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



84, 15.075, 14.600



97, 4.563, 13.444



85, 24.739, 323.001



51, 3.121, 13.519



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 15.075, 14.600



86, 19.224, 14.966



88, 12.374, 64.080



47, 5.008, 13.886



38, 78.581, 37.017



8, 29.459, 20.783

Inverse Universe

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



84, 15.075, 14.600



86, 19.224, 14.966



88, 11.578, 248.026



47, 5.008, 13.886



38, 78.581, 37.017



8, 29.459, 20.783

Previews

White Background



This preview shows how the CIELCh color 84, 15.077, 14.592 looks on a white background.

Color Contrast Check

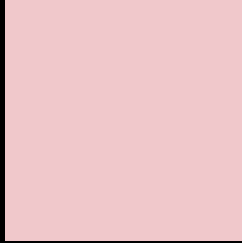
Large Text (above 18pt) WCAG AA × Fail

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 84, 15.077, 14.592 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 84, 15.077, 14.592

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.077, 14.592.

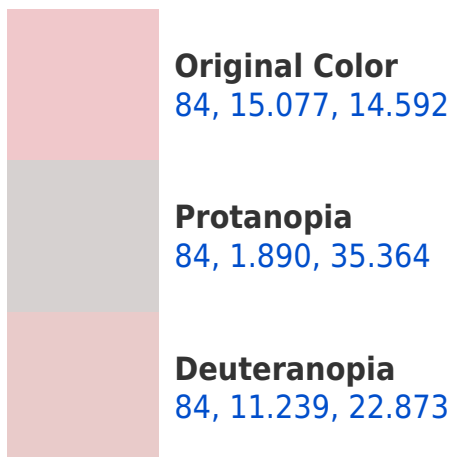



This preview shows how white text looks on a background with the CIELCh color 84, 15.077, 14.592.

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](#).

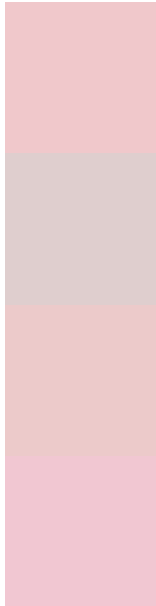
Dichromacy





Tritanopia
84, 17.895, 352.888

Trichromacy



Original Color
84, 15.077, 14.592

Protanomaly
84, 6.270, 19.787

Deuteranomaly
84, 12.747, 20.340

Tritanomaly
84, 16.581, 0.400

Monochromacy



Original Color
84, 15.077, 14.592

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.163, 13.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.077, 14.592 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(240, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 203)  
}
```

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(240, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.077, 14.592 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(240, 200, 203) }
```

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

```
.border{ border-color:rgb(240, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.077, 14.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 200, 203) }
```

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

```
.background{ background-color: rgb(240,  
200, 203) }
```

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](#).

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