

Converting Colors

CIELCh(87, 34.499, 15.624)

Have a look what the booklet for
CIELCh(87, 34.499, 15.624) contains.

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Color

CIELCh(84, 23.388, 11.051)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CA
RGB	255, 194, 202
RGB Percent	100%, 76%, 79%
CMY	0.0002, 0.2394, 0.2081
CMYK	0.00, 0.24, 0.21, 0.00
HSL	352°, 100%, 88%
HSV	352°, 24%, 100%
XYZ	71.1482, 64.0658, 64.4556
YIQ	213.1510, 33.7880, 15.4200

Conversions

Conversions Part 2

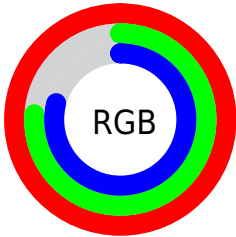
Format	Color
RYB	255, 194, 202
Decimal	16761546
CIELab	84.00, 22.95, 4.48
CIELCh	84, 23.388, 11.051
Yxy	64.0658, 0.3563, 0.3209
Android (android.graphics.Color)	4294951626 (0xFFFFC2CA)
YUV	213.1510, -5.4974, 36.7016
Hunter-Lab	80.0411, 18.5960, 8.2836

Details

The CIELCh color **84, 23.388, 11.051** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 20.733, 186.657**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **64, 23.257, 10.960** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.065, 12.485**, and if you desaturate by 10%, it is **91, 13.210, 9.881**.

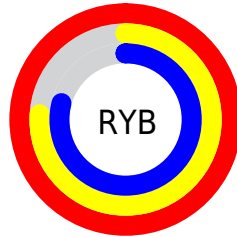
Distribution



Red (100%)

Green (76%)

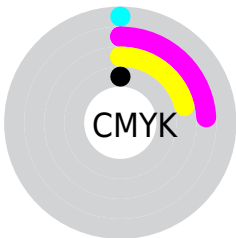
Blue (79%)



Red (100%)

Yellow (76%)

Blue (79%)

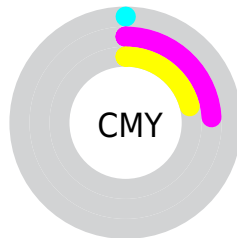


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.388, 11.051 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, 23.388, 11.051 by changing the saturation by 10% instead.

 84, 23.388, 11.051

 84, 23.388, 11.051

 100, 23.388,
11.051

 74, 23.388, 11.051

 64, 23.388, 11.051

 54, 23.388, 11.051

 44, 23.388, 11.051

 34, 23.388, 11.051

 24, 23.388, 11.051

 14, 23.388, 11.051

 4, 23.388, 11.051

 0, 23.388, 11.051

84, 23.388, 11.051

84, 23.388, 11.051

78, 34.065, 12.485

91, 13.210, 9.881

72, 45.091, 14.269

97, 3.610, 8.799

66, 56.197, 16.530

100, 0.024,
228.655

62, 67.017, 19.409

58, 77.150, 23.037

55, 86.279, 27.431

54, 94.175, 32.312

53, 98.311, 35.107

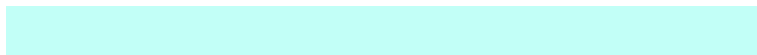
Harmonies

Complementary

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



84, 23.388, 11.051



96, 20.733, 186.657

Rectangle

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



84, 23.388, 11.051



84, 23.388, 61.051



84, 23.388, 191.051



84, 23.388, 241.051

Sweetspot

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



84, 23.385, 11.056



95, 6.502, 9.153



85, 36.888, 321.894



50, 4.232, 9.217



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, 23.385, 11.056



81, 28.757, 11.744



89, 18.957, 57.644



50, 5.322, 9.415



40, 78.443, 34.243



10, 32.396, 21.816

Inverse Universe

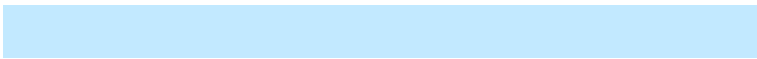
The Inverse Universe completely reimagines the original color for something new.



84, 23.385, 11.056



81, 28.757, 11.744



90, 16.822, 242.723



50, 5.322, 9.415



40, 78.443, 34.243



10, 32.396, 21.816

Previews

White Background



This preview shows how the CIELCh color 84, 23.388, 11.051 looks on a white background.

Color Contrast Check

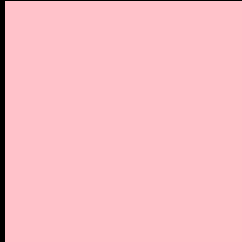
Large Text (above 18pt) WCAG AA × Fail

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, 23.388, 11.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

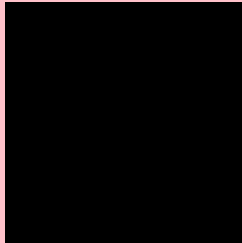
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.388, 11.051

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.388, 11.051.

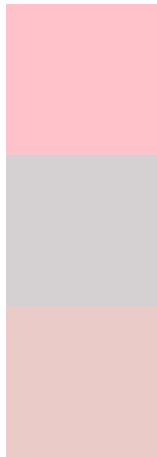


This preview shows how white text looks on a background with the CIELCh color 84, 23.388, 11.051.

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



Original Color

84, 23.388, 11.051

Protanopia

84, 1.554, 359.356

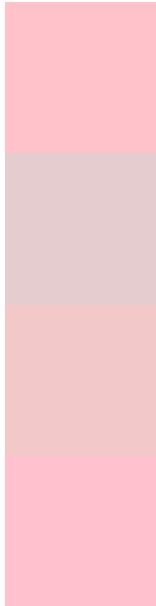
Deuteranopia

84, 11.761, 27.887



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 23.388, 11.051

Protanomaly
84, 9.013, 9.995

Deuteranomaly
84, 15.834, 18.718

Tritanomaly
84, 24.163, 5.115

Monochromacy



Original Color
84, 23.388, 11.051

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.261, 9.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.388, 11.051 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(255, 194, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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(255, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.388, 11.051 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(255, 194, 202) }
```

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

```
.border{ border-color:rgb(255, 194, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.388, 11.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 202) }
```

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

```
.background{ background-color: rgb(255,  
194, 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](#).

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