

Converting Colors

CIELCh(88, 29.444, 16.872)

Have a look what the booklet for
CIELCh(88, 29.444, 16.872) contains.

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Color

CIELCh(86, 20.455, 13.714)

Conversions

Conversions Part 1

Format	Color
Hex	FFCACF
RGB	255, 202, 207
RGB Percent	100%, 79%, 81%
CMY	0.0000, 0.2090, 0.1894
CMYK	0.00, 0.21, 0.19, 0.00
HSL	354°, 100%, 90%
HSV	354°, 21%, 100%
XYZ	73.7839, 67.9871, 68.0699
YIQ	218.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

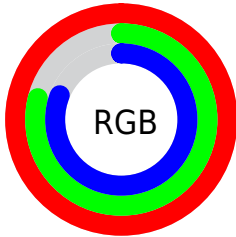
Format	Color
R_{YB}	255, 202, 207
Decimal	16763599
CIE _{Lab}	86.00, 19.87, 4.85
CIE _{LCh}	86, 20.455, 13.714
Yxy	67.9871, 0.3516, 0.3240
Android (android.graphics.Color)	4294953679 (0xFFFFCACF)
YUV	218.4170, -5.6286, 32.0833
Hunter-Lab	82.4543, 15.4350, 8.7713

Details

The CIELCh color **86, 20.455, 13.714** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 17.995, 190.086**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 20.107, 13.590** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.763, 14.895**, and if you desaturate by 10%, it is **93, 10.179, 12.522**.

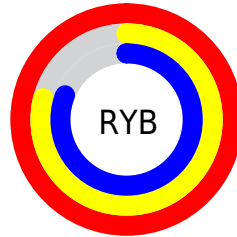
Distribution



Red (100%)

Green (79%)

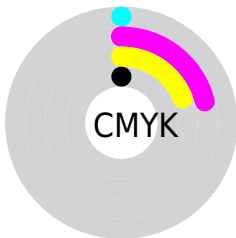
Blue (81%)



Red (100%)

Yellow (79%)

Blue (81%)

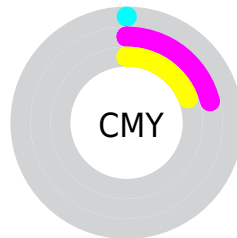


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.455, 13.714 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 86, 20.455, 13.714 by changing the saturation by 10% instead.

 86, 20.455, 13.714

 86, 20.455, 13.714

 100, 20.455,
13.714

 76, 20.455, 13.714

 66, 20.455, 13.714

 56, 20.455, 13.714

 46, 20.455, 13.714

 36, 20.455, 13.714

 26, 20.455, 13.714

 16, 20.455, 13.714

 6, 20.455, 13.714

 0, 20.455, 13.714

86, 20.455, 13.714

86, 20.455, 13.714

80, 30.763, 14.895

93, 10.179, 12.522

73, 41.837, 16.528

99, 0.816, 10.943

68, 53.182, 18.606

100, 0.012,
296.813

63, 64.476, 21.263

59, 75.328, 24.623

56, 85.353, 28.705

54, 94.154, 33.242

53, 100.548,
36.998

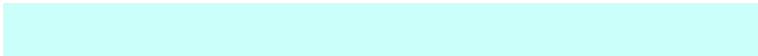
Harmonies

Complementary

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



86, 20.455, 13.714



96, 17.995, 190.086

Rectangle

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



86, 20.455, 13.714



86, 20.455, 63.714



86, 20.455, 193.714



86, 20.455, 243.714

Sweetspot

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



86, 20.173, 13.594



96, 5.511, 12.031



87, 32.494, 322.732



51, 3.663, 12.098



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 20.173, 13.594



83, 24.446, 14.093



91, 16.458, 61.734



50, 5.284, 12.383



40, 80.273, 36.267



10, 32.645, 23.376

Inverse Universe

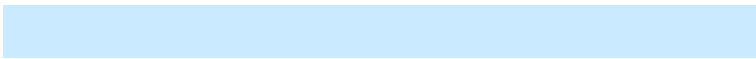
The Inverse Universe completely reimagines the original color for something new.



86, 20.173, 13.594



83, 24.446, 14.093



91, 15.017, 246.575



50, 5.284, 12.383



40, 80.273, 36.267



10, 32.645, 23.376

Previews

White Background



This preview shows how the CIELCh color 86, 20.455, 13.714 looks on a white background.

Color Contrast Check

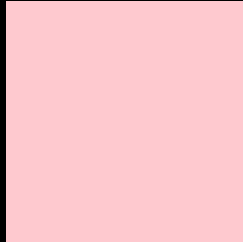
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 20.455, 13.714 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 86, 20.455, 13.714

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.455, 13.714.



This preview shows how white text looks on a background with the CIELCh color 86, 20.455, 13.714.

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

86, 20.053, 13.531

Protanopia

86, 1.813, 19.217

Deuteranopia

86, 11.999, 25.215



Tritanopia
86, 21.389, 359.723

Trichromacy



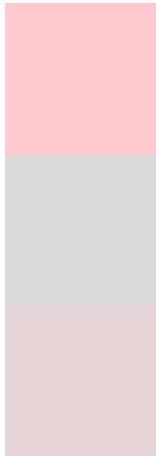
Original Color
86, 20.053, 13.531

Protanomaly
86, 8.119, 16.260

Deuteranomaly
86, 14.608, 20.473

Tritanomaly
86, 20.972, 3.772

Monochromacy



Original Color
86, 20.053, 13.531

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.038, 11.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.455, 13.714 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, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 207)  
}
```

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, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.455, 13.714 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, 202, 207) }
```

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

```
.border{ border-color:rgb(255, 202, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.455, 13.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 207) }
```

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

```
.background{ background-color: rgb(255,  
202, 207) }
```

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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