

Converting Colors

CIELCh(88, 27.213, 9.665)

Have a look what the booklet for
CIELCh(88, 27.213, 9.665) contains.

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Color

CIELCh(86, 20.475, 4.819)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD5
RGB	255, 202, 213
RGB Percent	100%, 79%, 84%
CMY	0.0018, 0.2096, 0.1664
CMYK	0.00, 0.21, 0.16, 0.00
HSL	348°, 98%, 89%
HSV	348°, 21%, 100%
XYZ	74.0399, 67.9871, 71.8755
YIQ	219.1010, 28.0570, 14.6570

Conversions

Conversions Part 2

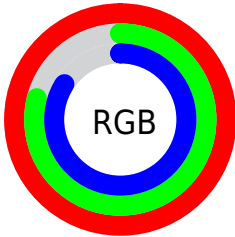
Format	Color
R _Y B	255, 202, 213
Decimal	16763605
CIE Lab	86.00, 20.40, 1.72
CIE LCh	86, 20.475, 4.819
Yxy	67.9871, 0.3461, 0.3178
Android (android.graphics.Color)	4294953685 (0xFFFFCAD5)
YUV	219.1010, -3.0078, 31.4834
Hunter-Lab	82.4543, 15.9891, 6.0349

Details

The CIELCh color **86, 20.475, 4.819** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.838, 180.776**, 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, 20.413, 5.917** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.986, 6.195**, and if you desaturate by 10%, it is **93, 10.372, 3.660**.

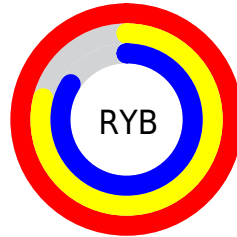
Distribution



Red (100%)

Green (79%)

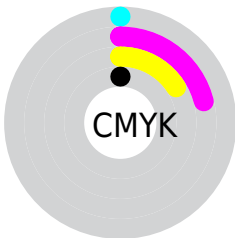
Blue (84%)



Red (100%)

Yellow (79%)

Blue (84%)

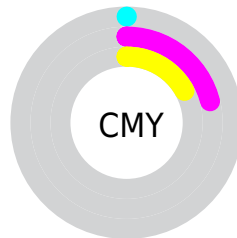


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (0%)



Cyan (0%)

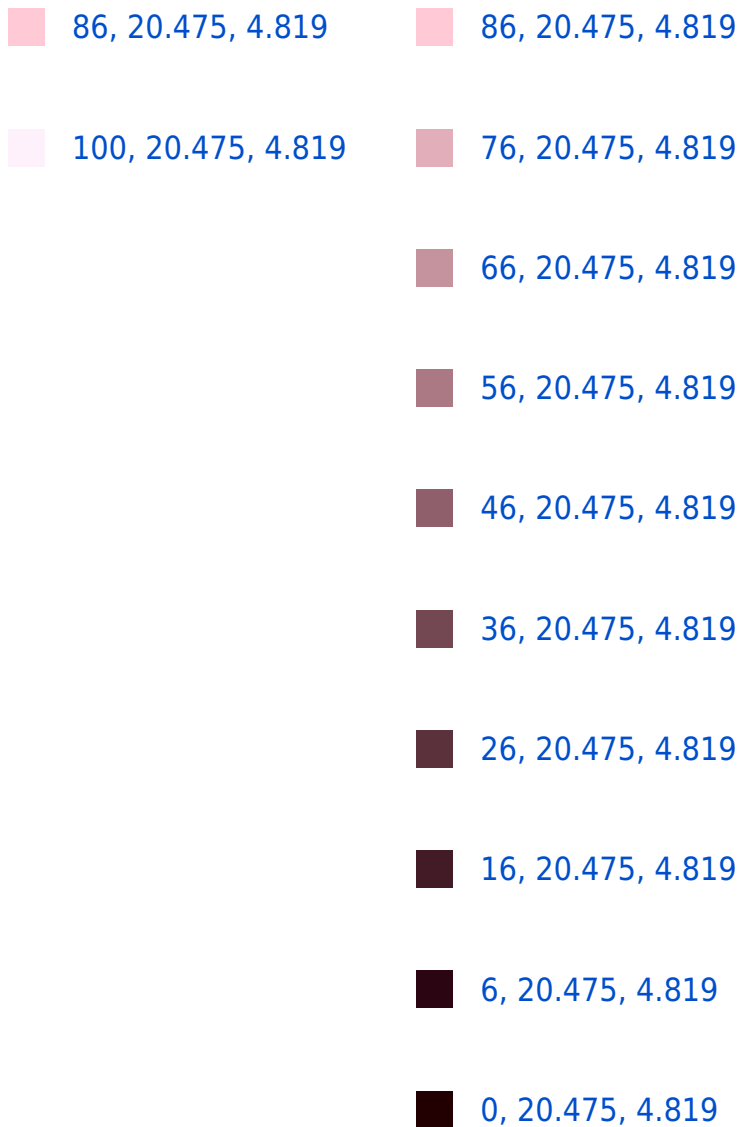
Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.475, 4.819 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, 20.475, 4.819 by changing the saturation by 10% instead.



86, 20.475, 4.819

86, 20.475, 4.819

80, 30.986, 6.195

93, 10.372, 3.660

74, 41.751, 7.865

99, 0.762, 1.955

68, 52.496, 9.941

100, 0.161,
203.523

63, 62.841, 12.565

59, 72.347, 15.897

56, 80.661, 20.073

54, 87.687, 25.086

53, 93.299, 30.055

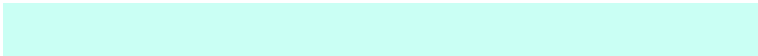
Harmonies

Complementary

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



86, 20.475, 4.819



96, 18.838, 180.776

Rectangle

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



86, 20.475, 4.819



86, 20.475, 54.819



86, 20.475, 184.819



86, 20.475, 234.819

Sweetspot

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



86, 20.472, 4.824



96, 5.693, 3.129



86, 31.325, 319.228



51, 3.782, 3.203



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

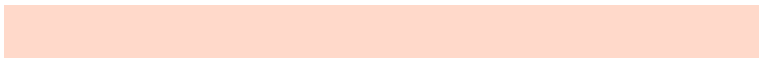
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 20.472, 4.824



83, 24.870, 5.368



89, 16.450, 48.323



50, 5.444, 3.517



40, 74.578, 29.028



10, 31.940, 18.352

Inverse Universe

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



86, 20.472, 4.824



83, 24.870, 5.368



92, 14.511, 231.208



50, 5.444, 3.517



40, 74.578, 29.028



10, 31.940, 18.352

Previews

White Background



This preview shows how the CIELCh color 86, 20.475, 4.819 looks on a white background.

Color Contrast Check

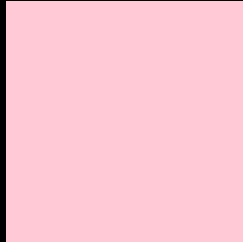
Large Text (above 18pt) WCAG AA × Fail

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, 20.475, 4.819 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, 20.475, 4.819

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.475, 4.819.



This preview shows how white text looks on a background with the CIELCh color 86, 20.475, 4.819.

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, 20.475, 4.819

Protanopia

86, 3.483, 314.729

Deuteranopia

86, 11.202, 12.190



Tritanopia
86, 21.389, 359.723

Trichromacy



Original Color
86, 20.475, 4.819

Protanomaly
86, 9.063, 352.538

Deuteranomaly
86, 14.411, 7.974

Tritanomaly
86, 21.238, 1.054

Monochromacy



Original Color
86, 20.475, 4.819

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.245, 3.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.475, 4.819 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.475, 4.819 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, 213) }
```

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

```
.border{ border-color:rgb(255, 202, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.475, 4.819 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
202, 213) }
```

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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