

Converting Colors

CIELCh(93, 50.047, 17.805)

Have a look what the booklet for
CIELCh(93, 50.047, 17.805) contains.

CIELCh(85, 21.927, 7.446)	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(85, 21.927, 7.446)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D0
RGB	255, 198, 208
RGB Percent	100%, 78%, 82%
CMY	0.0011, 0.2246, 0.1854
CMYK	0.00, 0.22, 0.18, 0.00
HSL	349°, 99%, 89%
HSV	349°, 22%, 100%
XYZ	72.6147, 66.0070, 68.4092
YIQ	216.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

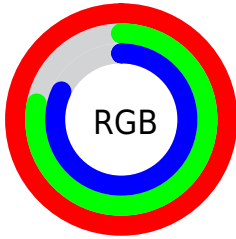
Format	Color
R _Y B	255, 198, 208
Decimal	16762576
CIE Lab	85.00, 21.74, 2.84
CIE LCh	85, 21.927, 7.446
Yxy	66.0070, 0.3507, 0.3188
Android (android.graphics.Color)	4294952656 (0xFFFFC6D0)
YUV	216.1830, -4.0342, 34.0425
Hunter-Lab	81.2447, 17.3612, 6.9483

Details

The CIELCh color **85, 21.927, 7.446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.858, 183.158**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 22.075, 7.308** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.494, 8.859**, and if you desaturate by 10%, it is **92, 11.801, 6.273**.

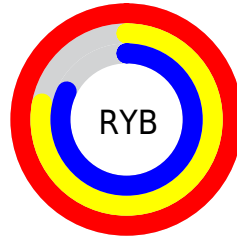
Distribution



Red (100%)

Green (78%)

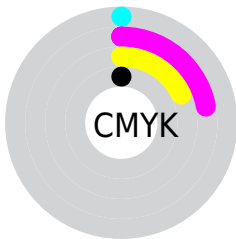
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

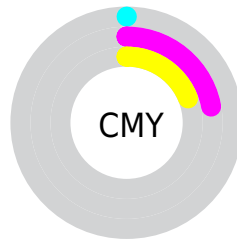


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.927, 7.446 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 85, 21.927, 7.446 by changing the saturation by 10% instead.



85, 21.927, 7.446

85, 21.927, 7.446

79, 32.494, 8.859

92, 11.801, 6.273

73, 43.346, 10.592

98, 2.200, 5.074

67, 54.209, 12.766

100, 0.101,
205.995

62, 64.705, 15.525

59, 74.417, 19.022

56, 83.022, 23.351

54, 90.423, 28.406

53, 95.402, 32.352

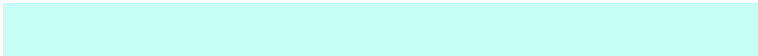
Harmonies

Complementary

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



85, 21.927, 7.446



96, 19.858, 183.158

Rectangle

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



85, 21.927, 7.446



85, 21.927, 57.446



85, 21.927, 187.446



85, 21.927, 237.446

Sweetspot

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



85, 21.924, 7.451



95, 6.584, 5.690



85, 34.005, 320.317



50, 4.285, 5.756



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

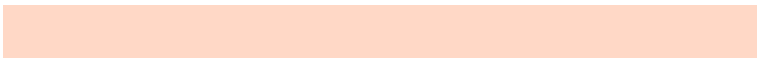
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 21.924, 7.451



82, 26.795, 8.069



89, 17.668, 52.038



50, 5.385, 5.962



40, 76.178, 31.377



10, 32.130, 19.913

Inverse Universe

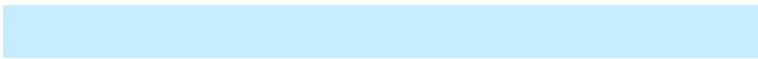
The Inverse Universe completely reimagines the original color for something new.



85, 21.924, 7.451



82, 26.795, 8.069



91, 15.562, 235.847



50, 5.385, 5.962



40, 76.178, 31.377



10, 32.130, 19.913

Previews

White Background



This preview shows how the CIELCh color 85, 21.927, 7.446 looks on a white background.

Color Contrast Check

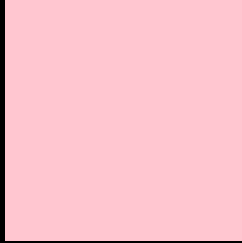
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.927, 7.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

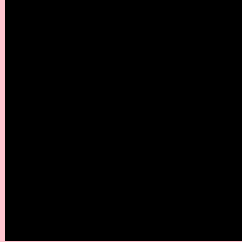
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.927, 7.446

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.927, 7.446.

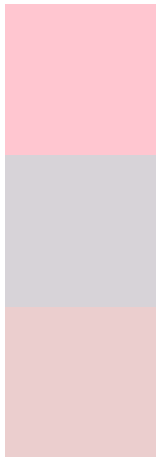


This preview shows how white text looks on a background with the CIELCh color 85, 21.927, 7.446.

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

85, 21.927, 7.446

Protanopia

85, 3.021, 318.840

Deuteranopia

85, 10.792, 20.168



Tritanopia
85, 22.877, 1.299

Trichromacy



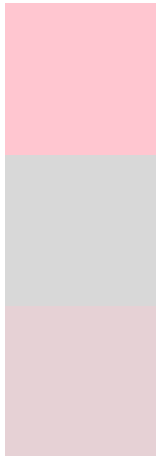
Original Color
85, 21.927, 7.446

Protanomaly
85, 9.202, 356.565

Deuteranomaly
85, 14.690, 12.356

Tritanomaly
85, 22.618, 3.830

Monochromacy



Original Color
85, 21.927, 7.446

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.984, 4.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.927, 7.446 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, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 208)  
}
```

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, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.927, 7.446 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, 198, 208) }
```

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

```
.border{ border-color:rgb(255, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.927, 7.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 208) }
```

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

```
.background{ background-color: rgb(255,  
198, 208) }
```

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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