

Converting Colors

CIELCh(85, 21.711, 31.122)

Have a look what the booklet for
CIELCh(85, 21.711, 31.122) contains.

CIELCh(85, 21.956, 30.519)	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, 21.956, 30.519)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C0
RGB	255, 199, 192
RGB Percent	100%, 78%, 75%
CMY	0.0000, 0.2191, 0.2465
CMYK	0.00, 0.22, 0.25, 0.00
HSL	7°, 100%, 88%
HSV	7°, 25%, 100%
XYZ	71.2753, 66.0070, 58.9302
YIQ	214.9460, 35.6230, 9.6950

Conversions

Conversions Part 2

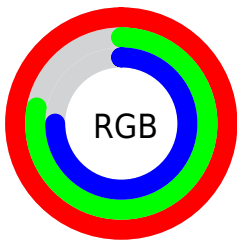
Format	Color
R _Y B	255, 200, 192
Decimal	16762816
CIE Lab	85.00, 18.91, 11.15
CIE LCh	85, 21.956, 30.519
Yxy	66.0070, 0.3633, 0.3364
Android (android.graphics.Color)	4294952896 (0xFFFFC7C0)
YUV	214.9460, -11.3124, 35.1274
Hunter-Lab	81.2447, 14.4184, 13.8657

Details

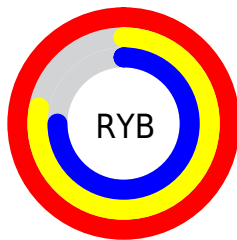
The CIELCh color **85, 21.956, 30.519** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 18.414, 209.688**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **65, 21.738, 30.099** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.087, 31.205**, and if you desaturate by 10%, it is **91, 12.480, 30.085**.

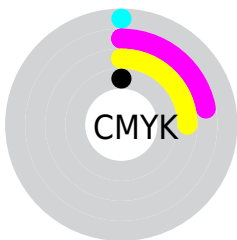
Distribution



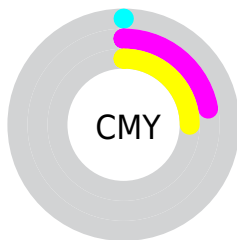
- Red (100%)
- Green (78%)
- Blue (75%)



- Red (100%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.956, 30.519 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, 21.956, 30.519 by changing the saturation by 10% instead.

 85, 21.956, 30.519

 85, 21.956, 30.519

 100, 21.956,
30.519

 75, 21.956, 30.519

 65, 21.956, 30.519

 55, 21.956, 30.519

 45, 21.956, 30.519

 35, 21.956, 30.519

 25, 21.956, 30.519

 15, 21.956, 30.519

 5, 21.956, 30.519

 0, 21.956, 30.519

85, 21.956, 30.519

85, 21.956, 30.519

79, 32.087, 31.205

91, 12.480, 30.085

74, 43.030, 32.130

97, 3.801, 29.685

69, 54.638, 33.387

100, 0.012,
296.813

64, 66.713, 35.023

60, 78.874, 37.011

57, 90.344, 39.110

55, 99.416, 40.615

54, 102.787,
41.081

Harmonies

Complementary

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



85, 21.956, 30.519



94, 18.414, 209.688

Rectangle

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



85, 21.956, 30.519



85, 21.956, 80.519



85, 21.956, 210.519



85, 21.956, 260.519

Sweetspot

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



85, 21.899, 30.547



96, 5.774, 29.798



85, 36.838, 328.715



51, 3.761, 29.822



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, 21.899, 30.547



82, 27.250, 30.870



92, 21.733, 82.177



50, 4.739, 29.894



41, 82.467, 41.335



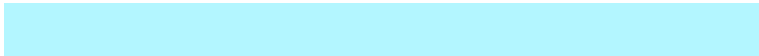
11, 31.300, 32.639

Inverse Universe

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



94, 18.414, 209.688



93, 21.953, 209.752



86, 21.138, 269.212



52, 4.453, 209.741



64, 35.658, 216.575



21, 16.560, 213.849

Previews

White Background



This preview shows how the CIELCh color 85, 21.956, 30.519 looks on a white background.

Color Contrast Check

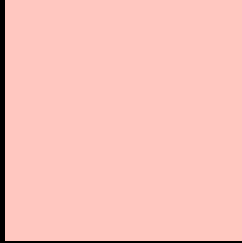
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.956, 30.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

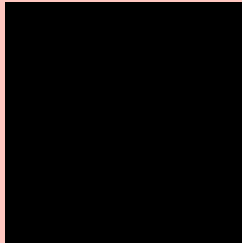
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.956, 30.519

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.956, 30.519.

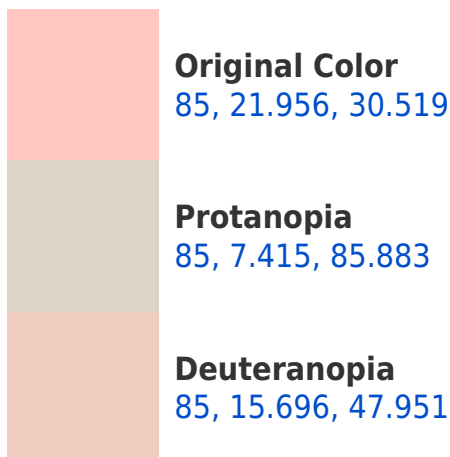


This preview shows how white text looks on a background with the CIELCh color 85, 21.956, 30.519.

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](#).

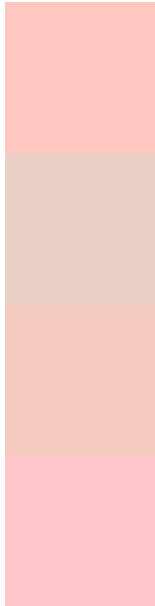
Dichromacy





Tritanopia
85, 22.742, 2.557

Trichromacy



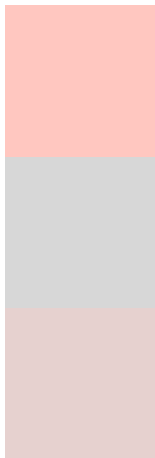
Original Color
85, 21.956, 30.519

Protanomaly
85, 11.143, 47.933

Deuteranomaly
85, 17.765, 41.089

Tritanomaly
85, 21.693, 12.865

Monochromacy



Original Color
85, 21.956, 30.519

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.842, 27.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.956, 30.519 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, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 192)  
}
```

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, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.956, 30.519 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, 199, 192) }
```

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

```
.border{ border-color:rgb(255, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.956, 30.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 192) }
```

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

```
.background{ background-color: rgb(255,  
199, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor