

Converting Colors

CIELCh(89, 38.252, 22.211)

Have a look what the booklet for
CIELCh(89, 38.252, 22.211) contains.

CIELCh(85, 22.110, 19.786)	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, 22.110, 19.786)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C7
RGB	255, 198, 199
RGB Percent	100%, 78%, 78%
CMY	0.0000, 0.2233, 0.2194
CMYK	0.00, 0.22, 0.22, 0.00
HSL	359°, 100%, 89%
HSV	359°, 22%, 100%
XYZ	72.1689, 66.0070, 62.9961
YIQ	215.1570, 33.6510, 12.3950

Conversions

Conversions Part 2

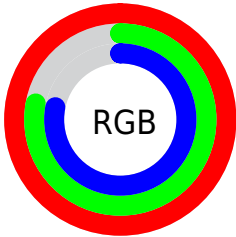
Format	Color
R _Y B	255, 198, 199
Decimal	16762567
CIE Lab	85.00, 20.80, 7.48
CIE LCh	85, 22.110, 19.786
Yxy	66.0070, 0.3587, 0.3281
Android (android.graphics.Color)	4294952647 (0xFFFFC6C7)
YUV	215.1570, -7.9654, 34.9423
Hunter-Lab	81.2447, 16.3816, 10.8986

Details

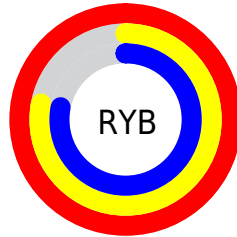
The CIELCh color **85, 22.110, 19.786** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.749, 196.702**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 21.504, 20.082** is the 20% darker color. If you saturate the color by 10%, you get **78, 32.550, 20.936**, and if you desaturate by 10%, it is **92, 11.518, 18.777**.

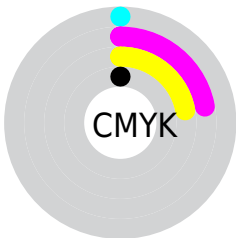
Distribution



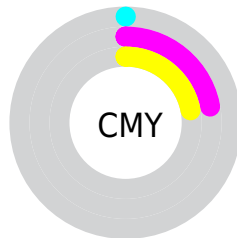
- Red (100%)
- Green (78%)
- Blue (78%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.110, 19.786 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, 22.110, 19.786 by changing the saturation by 10% instead.

 85, 22.110, 19.786

 85, 22.110, 19.786

 100, 22.110,
19.786

 75, 22.110, 19.786

 65, 22.110, 19.786

 55, 22.110, 19.786

 45, 22.110, 19.786

 35, 22.110, 19.786

 25, 22.110, 19.786

 15, 22.110, 19.786

 5, 22.110, 19.786

 0, 22.110, 19.786

85, 22.110, 19.786

85, 22.110, 19.786

78, 32.550, 20.936

92, 11.518, 18.777

72, 44.058, 22.498

98, 2.096, 17.794

67, 56.003, 24.530

100, 0.012,
296.813

62, 68.073, 27.148

58, 79.846, 30.407

55, 90.738, 34.152

54, 99.606, 37.717

53, 103.888,
39.521

Harmonies

Complementary

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



85, 22.110, 19.786



96, 18.749, 196.702

Rectangle

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



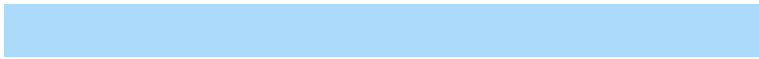
85, 22.110, 19.786



85, 22.110, 69.786



85, 22.110, 199.786



85, 22.110, 249.786

Sweetspot

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



85, 21.674, 19.730



95, 6.404, 18.323



86, 35.379, 324.726



50, 4.171, 18.375



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

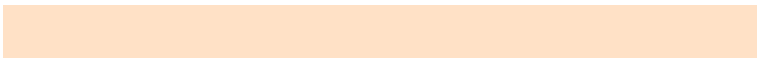
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 21.674, 19.730



82, 26.665, 20.255



91, 18.032, 69.043



49, 5.252, 18.536



40, 83.444, 39.317



10, 33.223, 26.484

Inverse Universe

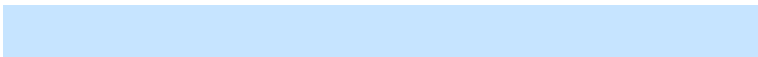
The Inverse Universe completely reimagines the original color for something new.



85, 21.674, 19.730



82, 26.665, 20.255



89, 16.761, 254.952



49, 5.252, 18.536



40, 83.444, 39.317



10, 33.223, 26.484

Previews

White Background



This preview shows how the CIELCh color 85, 22.110, 19.786 looks on a white background.

Color Contrast Check

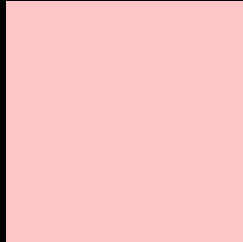
Large Text (above 18pt) WCAG AA × Fail

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, 22.110, 19.786 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, 22.110, 19.786

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.110, 19.786.

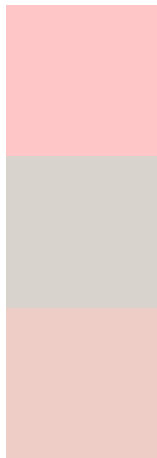


This preview shows how white text looks on a background with the CIELCh color 85, 22.110, 19.786.

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, 21.696, 19.720

Protanopia

85, 3.405, 69.635

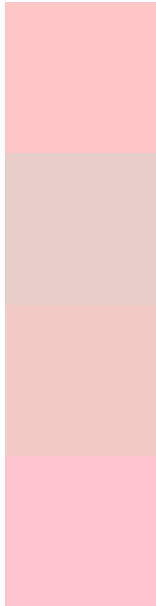
Deuteranopia

85, 13.028, 36.518



Tritanopia
85, 22.742, 2.557

Trichromacy



Original Color
85, 21.696, 19.720

Protanomaly
85, 9.459, 29.569

Deuteranomaly
85, 16.093, 27.999

Tritanomaly
85, 22.320, 7.727

Monochromacy



Original Color
85, 21.696, 19.720

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.747, 19.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.110, 19.786 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.110, 19.786 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, 199) }
```

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

```
.border{ border-color:rgb(255, 198, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.110, 19.786 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
198, 199) }
```

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