

Converting Colors

CIELCh(85, 22.887, 35.759)

Have a look what the booklet for
CIELCh(85, 22.887, 35.759) contains.

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Color

CIELCh(85, 22.590, 35.598)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7BC
RGB	255, 199, 188
RGB Percent	100%, 78%, 74%
CMY	0.0000, 0.2181, 0.2613
CMYK	0.00, 0.22, 0.26, 0.00
HSL	10°, 100%, 87%
HSV	10°, 26%, 100%
XYZ	71.0187, 66.0070, 56.7877
YIQ	214.4900, 36.9070, 8.4510

Conversions

Conversions Part 2

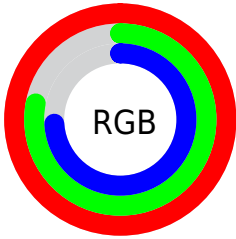
Format	Color
R _Y B	255, 201, 188
Decimal	16762812
CIE Lab	85.00, 18.37, 13.15
CIE LCh	85, 22.590, 35.598
Yxy	66.0070, 0.3664, 0.3406
Android (android.graphics.Color)	4294952892 (0xFFFFC7BC)
YUV	214.4900, -13.0596, 35.5273
Hunter-Lab	81.2447, 13.8546, 15.4293

Details

The CIELCh color **85, 22.590, 35.598** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 18.677, 216.183**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **65, 22.432, 35.479** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.355, 36.071**, and if you desaturate by 10%, it is **91, 13.271, 35.498**.

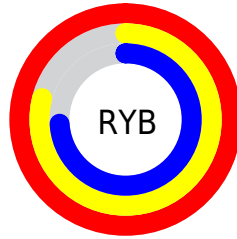
Distribution



Red (100%)

Green (78%)

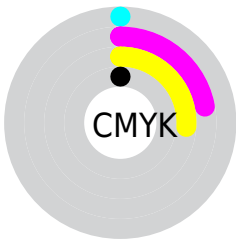
Blue (74%)



Red (100%)

Yellow (79%)

Blue (74%)

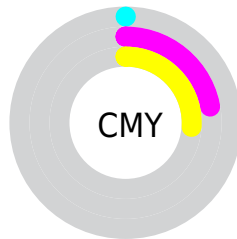


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.590, 35.598 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, 22.590, 35.598 by changing the saturation by 10% instead.

 85, 22.590, 35.598

 85, 22.590, 35.598

 100, 22.590,
35.598

 75, 22.590, 35.598

 65, 22.590, 35.598

 55, 22.590, 35.598

 45, 22.590, 35.598

 35, 22.590, 35.598

 25, 22.590, 35.598

 15, 22.590, 35.598

 5, 22.590, 35.598

 0, 22.590, 35.598

85, 22.590, 35.598

85, 22.590, 35.598

79, 32.355, 36.071

91, 13.271, 35.498

74, 43.044, 36.666

96, 4.834, 35.369

69, 54.434, 37.531

100, 0.012,
296.813

65, 66.351, 38.688

61, 78.410, 40.075

58, 89.759, 41.421

56, 98.574, 42.024

55, 101.181,
42.128

Harmonies

Complementary

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



85, 22.590, 35.598



93, 18.677, 216.183

Rectangle

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



85, 22.590, 35.598



85, 22.590, 85.598



85, 22.590, 215.598



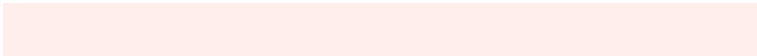
85, 22.590, 265.598

Sweetspot

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



85, 22.431, 35.700



95, 6.363, 35.401



84, 37.710, 330.442



50, 4.550, 35.420



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, 22.431, 35.700



82, 27.171, 35.856



93, 24.040, 86.364



50, 4.550, 35.420



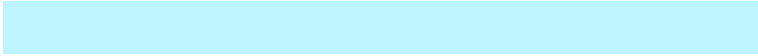
41, 81.084, 42.476



11, 30.488, 35.296

Inverse Universe

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



93, 18.677, 216.183



92, 21.753, 216.418



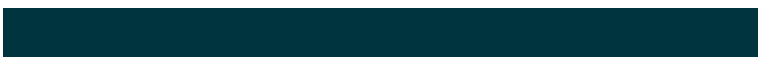
84, 23.765, 273.766



52, 4.280, 215.736



61, 35.069, 228.059



20, 16.164, 223.744

Previews

White Background



This preview shows how the CIELCh color 85, 22.590, 35.598 looks on a white background.

Color Contrast Check

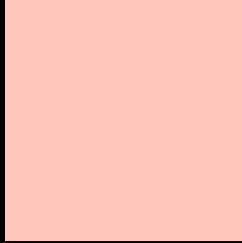
Large Text (above 18pt) WCAG AA × Fail

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, 22.590, 35.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

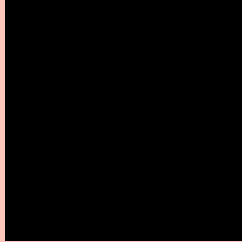
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.590, 35.598

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.590, 35.598.

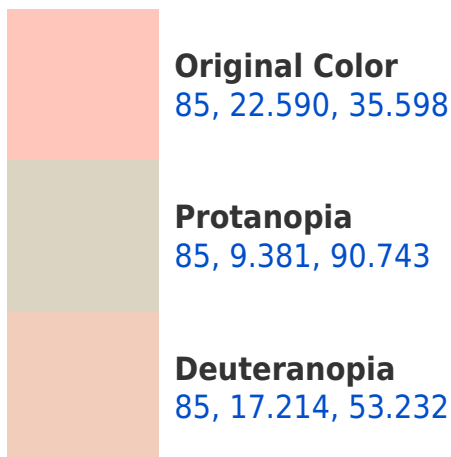


This preview shows how white text looks on a background with the CIELCh color 85, 22.590, 35.598.

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



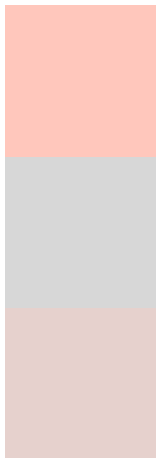
Original Color
85, 22.590, 35.598

Protanomaly
85, 12.339, 56.275

Deuteranomaly
85, 18.843, 44.966

Tritanomaly
85, 21.668, 14.234

Monochromacy



Original Color
85, 22.590, 35.598

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 8.074, 34.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.590, 35.598 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.590, 35.598 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, 188) }
```

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

```
.border{ border-color:rgb(255, 199, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 199, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 199, 188); box-shadow:4px 4px 4px 4px rgb(255, 199, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.590, 35.598 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
199, 188) }
```

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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