

Converting Colors

CIELCh(100, 81.031, 42.522)

Have a look what the booklet for
CIELCh(100, 81.031, 42.522)
contains.

CIELCh(85, 35.113, 71.248)	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, 35.113, 71.248)

Conversions

Conversions Part 1

Format	Color
Hex	FECB96
RGB	254, 203, 150
RGB Percent	100%, 80%, 59%
CMY	0.0040, 0.2037, 0.4114
CMYK	0.00, 0.20, 0.41, 0.00
HSL	31°, 98%, 79%
HSV	31°, 41%, 100%
XYZ	67.7454, 66.0070, 38.0627
YIQ	212.2070, 47.4090, -5.6710

Conversions

Conversions Part 2

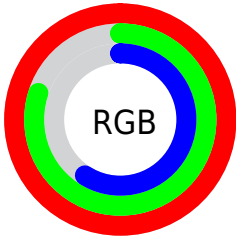
Format	Color
RYB	250, 254, 150
Decimal	16698262
CIELab	85.00, 11.29, 33.25
CIELCh	85, 35.113, 71.248
Yxy	66.0070, 0.3943, 0.3842
Android (android.graphics.Color)	4294888342 (0xFFFECEB96)
YUV	212.2070, -30.6681, 36.6525
Hunter-Lab	81.2447, 6.6629, 29.0943

Details

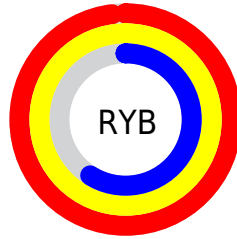
The CIELCh color **85, 35.113, 71.248** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 31.427, 263.721**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **65, 34.798, 71.347** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.651, 69.938**, and if you desaturate by 10%, it is **88, 25.928, 72.550**.

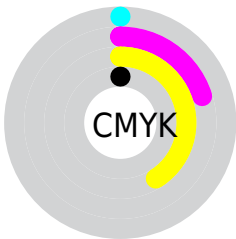
Distribution



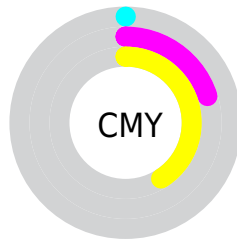
- Red (100%)
- Green (80%)
- Blue (59%)



- Red (98%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 35.113, 71.248 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, 35.113, 71.248 by changing the saturation by 10% instead.

 85, 35.113, 71.248

 85, 35.113, 71.248

 100, 35.113,
71.248

 75, 35.113, 71.248

 65, 35.113, 71.248

 55, 35.113, 71.248

 45, 35.113, 71.248

 35, 35.113, 71.248

 25, 35.113, 71.248

 15, 35.113, 71.248

 5, 35.113, 71.248

 0, 35.113, 71.248

85, 35.113, 71.248

85, 35.113, 71.248

82, 44.651, 69.938

88, 25.928, 72.550

78, 54.415, 68.583

92, 17.137, 73.829

75, 64.113, 67.128

96, 8.735, 75.073

72, 73.141, 65.436

99, 0.700, 75.750

70, 80.460, 63.232

100, 0.354,
201.253

67, 84.976, 60.609

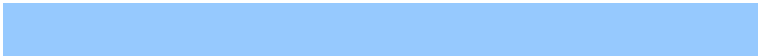
Harmonies

Complementary

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



85, 35.113, 71.248



79, 31.427, 263.721

Rectangle

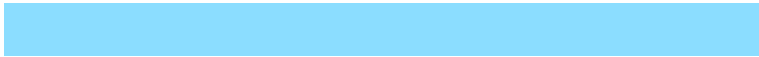
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 35.113, 71.248



85, 35.113, 121.248



85, 35.113, 251.248



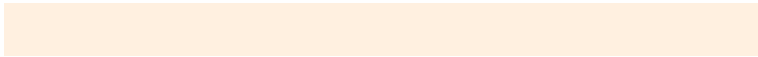
85, 35.113, 301.248

Sweetspot

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



85, 35.113, 71.254



96, 9.670, 74.940



74, 46.500, 347.805



50, 6.433, 74.779



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, 35.113, 71.254



83, 42.953, 70.189



98, 51.617, 106.216



51, 4.555, 75.241



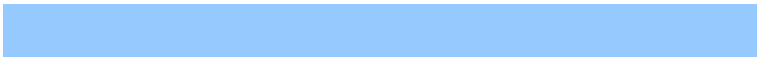
52, 68.420, 61.308



16, 27.009, 62.810

Inverse Universe

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



79, 31.427, 263.721



76, 37.546, 265.867



66, 57.504, 295.794



51, 4.461, 257.791



41, 59.466, 285.136



12, 24.158, 278.660

Previews

White Background



This preview shows how the CIE LCh color 85, 35.113, 71.248 looks on a white background.

Color Contrast Check

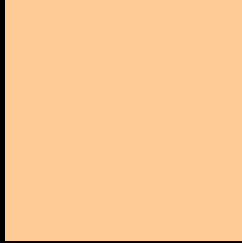
Large Text (above 18pt) WCAG AA × Fail

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, 35.113, 71.248 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, 35.113, 71.248

Background



This preview shows how black text looks on a background with the CIELCh color 85, 35.113, 71.248.



This preview shows how white text looks on a background with the CIELCh color 85, 35.113, 71.248.

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, 35.151, 71.228

Protanopia

85, 30.980, 94.804

Deuteranopia

85, 35.036, 72.727



Tritanopia
85, 22.618, 3.830

Trichromacy



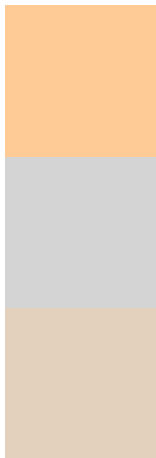
Original Color
85, 35.151, 71.228

Protanomaly
85, 31.611, 85.808

Deuteranomaly
85, 35.036, 72.727

Tritanomaly
85, 22.590, 35.598

Monochromacy



Original Color
85, 35.151, 71.228

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 12.539, 76.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 35.113, 71.248 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(254, 203, 150)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 150)  
}
```

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(254, 203, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 35.113, 71.248 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(254, 203, 150) }
```

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

```
.border{ border-color:rgb(254, 203, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 203, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 150);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 35.113, 71.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 150) }
```

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

```
.background{ background-color: rgb(254,  
203, 150) }
```

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