

Converting Colors

CIELCh(89, 61.193, 124.986)

Have a look what the booklet for
CIELCh(89, 61.193, 124.986)
contains.

CIELCh(89, 61.469, 124.926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 61.469, 124.926)

Conversions

Conversions Part 1

Format	Color
Hex	BCF07C
RGB	188, 240, 124
RGB Percent	74%, 94%, 49%
CMY	0.2643, 0.0604, 0.5152
CMYK	0.22, 0.00, 0.48, 0.06
HSL	87°, 79%, 71%
HSV	87°, 48%, 94%
XYZ	55.2926, 74.1641, 30.3434
YIQ	211.2280, 6.2440, -47.1000

Conversions

Conversions Part 2

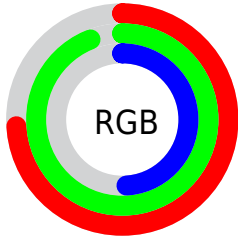
Format	Color
RYB	124, 240, 176
Decimal	12382332
CIELab	89.00, -35.19, 50.40
CIELCh	89, 61.469, 124.926
Yxy	74.1641, 0.3460, 0.4641
Android (android.graphics.Color)	4290572412 (0xFFBCF07C)
YUV	211.2280, -43.0034, -20.3710
Hunter-Lab	86.1186, -36.1012, 39.3925

Details

The CIELCh color **89, 61.469, 124.926** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61, 66.699, 309.953**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.316, 112.449**, and **69, 61.800, 124.977** is the 20% darker color. If you saturate the color by 10%, you get **88, 72.922, 124.587**, and if you desaturate by 10%, it is **90, 49.283, 125.374**.

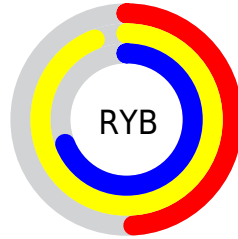
Distribution



Red (74%)

Green (94%)

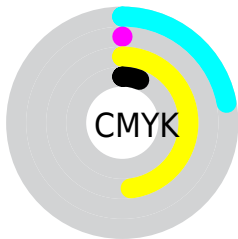
Blue (49%)



Red (49%)

Yellow (94%)

Blue (69%)

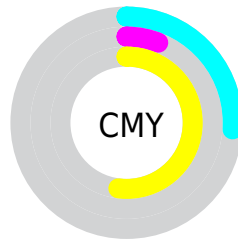


Cyan (22%)

Magenta (0%)

Yellow (48%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 61.469, 124.926 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 89, 61.469, 124.926 by changing the saturation by 10% instead.

■ 89, 61.469,
124.926

■ 89, 61.469,
124.926

■ 100, 61.469,
124.926

■ 79, 61.469,
124.926

■ 69, 61.469,
124.926

■ 59, 61.469,
124.926

■ 49, 61.469,
124.926

■ 39, 61.469,
124.926


■ 29, 61.469,
124.926


■ 19, 61.469,


124.926


 9, 61.469, 124.926


 0, 61.469, 124.926


 89, 61.469,
124.926


 89, 61.469,
124.926


 88, 72.922,
124.587


 90, 49.283,
125.374


 87, 83.212,
124.441


 91, 36.661,
125.868

 87, 91.795,
124.610

 92, 23.808,
126.371

 86, 98.127,
125.219


 94, 10.864,
126.865

 86, 102.045,

 95, 2.072, 307.261

126.316

 96, 9.063, 319.312

 86, 102.567,
126.503

 96, 9.604, 324.743

Harmonies

Complementary

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



89, 61.469, 124.926



61, 66.699, 309.953

Rectangle

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



89, 61.469, 124.926



89, 61.469, 174.926



89, 61.469, 304.926



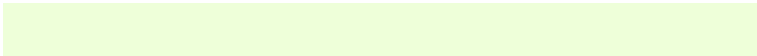
89, 61.469, 354.926

Sweetspot

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



89, 61.470, 124.927



98, 20.412, 126.538



76, 39.659, 62.566



52, 13.926, 126.433



0, 0.000, 0.000



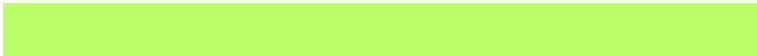
53, 0.007, 296.813

Same Dimension

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



89, 61.470, 124.927



93, 76.204, 124.592



86, 70.772, 139.118



50, 7.350, 126.813



67, 83.801, 126.225



21, 34.597, 125.143

Inverse Universe

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



61, 66.699, 309.953



59, 84.305, 310.524



68, 70.893, 324.975



46, 7.462, 307.688



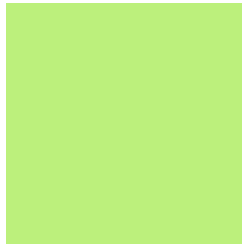
27, 98.575, 310.793



4, 39.424, 310.433

Previews

White Background



This preview shows how the CIELCh color 89, 61.469, 124.926 looks on a white background.

Color Contrast Check

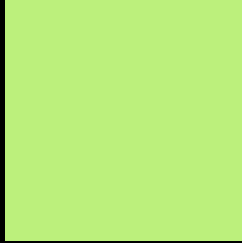
Large Text (above 18pt) WCAG AA × Fail

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 89, 61.469, 124.926 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 89, 61.469, 124.926

Background



This preview shows how black text looks on a background with the CIELCh color 89, 61.469, 124.926.

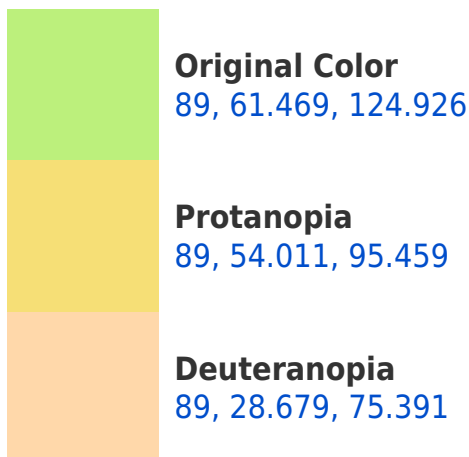


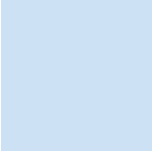
This preview shows how white text looks on a background with the CIELCh color 89, 61.469, 124.926.

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
89, 11.794, 252.023

Trichromacy



Original Color
89, 61.469, 124.926



Protanomaly
89, 54.751, 107.350



Deuteranomaly
88, 36.992, 103.985

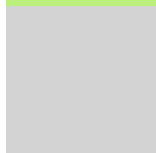


Tritanomaly
89, 20.175, 145.227

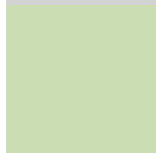
Monochromacy



Original Color
89, 61.469, 124.926



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 23.044, 126.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 61.469, 124.926 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(188, 240, 124)` looks like.

```
.text, #text, p{  
    color:rgb(188, 240, 124)  
}
```

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(188, 240, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 240, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 61.469, 124.926 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(188, 240, 124) }
```

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

```
.border{ border-color:rgb(188, 240, 124) }
```

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

Here you see how a box with a 4 pixel rgb(188, 240, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 240, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 240, 124);  
box-shadow:4px 4px 4px 4px rgb(188, 240,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 61.469, 124.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 240, 124) }
```

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

```
.background{ background-color: rgb(188,  
240, 124) }
```

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