

Converting Colors

CIELCh(90, 92.509, 134.611)

Have a look what the booklet for
CIELCh(90, 92.509, 134.611)
contains.

CIELCh(90, 92.674, 134.653)	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(90, 92.674, 134.653)

Conversions

Conversions Part 1

Format	Color
Hex	7CFF59
RGB	124, 255, 89
RGB Percent	49%, 100%, 35%
CMY	0.5150, 0.0012, 0.6521
CMYK	0.51, 0.00, 0.65, 0.00
HSL	107°, 100%, 67%
HSV	107°, 65%, 100%
XYZ	45.7196, 76.3034, 21.7051
YIQ	196.9070, -24.7900, -79.3980

Conversions

Conversions Part 2

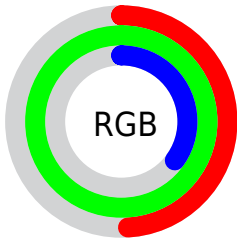
Format	Color
RYB	89, 255, 220
Decimal	8191833
CIELab	90.00, -65.13, 65.93
CIELCh	90, 92.674, 134.653
Yxy	76.3034, 0.3181, 0.5309
Android (android.graphics.Color)	4286381913 (0xFF7CFF59)
YUV	196.9070, -53.1982, -63.9394
Hunter-Lab	87.3518, -59.4394, 46.4139

Details

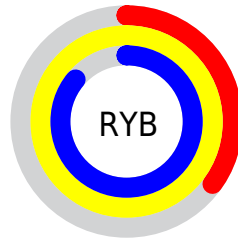
The CIELCh color **90, 92.674, 134.653** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **61, 94.632, 320.978**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 61.055, 131.606**, and **70, 92.550, 134.649** is the 20% darker color. If you saturate the color by 10%, you get **89, 103.137, 134.245**, and if you desaturate by 10%, it is **91, 80.345, 135.247**.

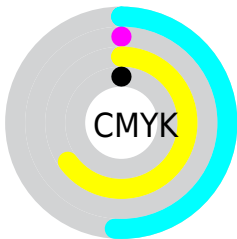
Distribution



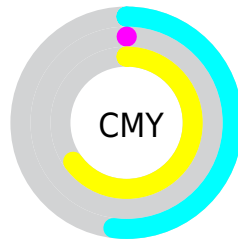
- Red (49%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (86%)



- Cyan (51%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 92.674, 134.653 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 90, 92.674, 134.653 by changing the saturation by 10% instead.


 90, 92.674,
134.653


 90, 92.674,
134.653


 100, 92.674,
134.653


 80, 92.674,
134.653

 70, 92.674,
134.653

 60, 92.674,
134.653


 50, 92.674,
134.653

 40, 92.674,
134.653


 30, 92.674,
134.653


 20, 92.674,


134.653


 10, 92.674,
134.653


 0, 92.674, 134.653


 90, 92.674,
134.653


 90, 92.674,
134.653


 89, 103.137,
134.245


 91, 80.345,
135.247


 89, 111.078,
134.154

 92, 66.754,
135.913

 88, 116.053,
134.475

 94, 52.379,
136.579

 88, 117.584,
134.711

 95, 37.577,
137.204

■ 97, 22.608,
137.773

■ 99, 7.661, 138.292

100, 0.196,
322.869

Harmonies

Complementary

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



90, 92.674, 134.653



61, 94.632, 320.978

Rectangle

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



90, 92.674, 134.653



90, 92.674, 184.653



90, 92.674, 314.653



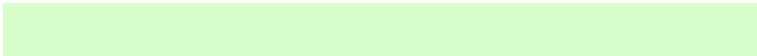
90, 92.674, 4.653

Sweetspot

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



90, 92.675, 134.654



96, 29.873, 137.506



88, 66.375, 91.268



51, 20.389, 137.344



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 92.675, 134.654



89, 105.765, 134.181



89, 80.679, 146.630



52, 8.459, 138.070



68, 94.589, 134.546



23, 42.159, 133.791

Inverse Universe

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



61, 94.632, 320.978



56, 107.503, 321.003



64, 79.564, 338.979



50, 8.509, 318.894



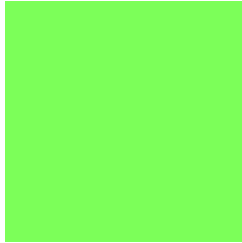
38, 95.014, 320.315



9, 43.550, 321.207

Previews

White Background



This preview shows how the CIE LCh color 90, 92.674, 134.653 looks on a white background.

Color Contrast Check

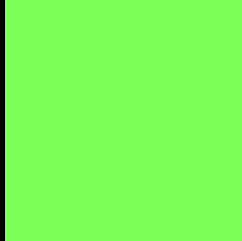
Large Text (above 18pt) WCAG AA × Fail

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 90, 92.674, 134.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

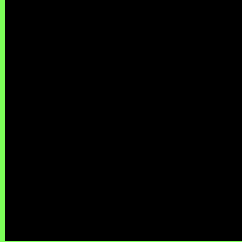
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

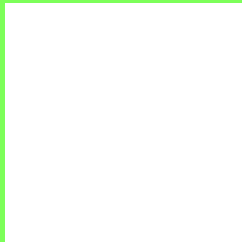
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 92.674, 134.653

Background



This preview shows how black text looks on a background with the CIELCh color 90, 92.674, 134.653.

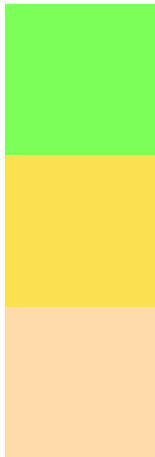


This preview shows how white text looks on a background with the CIELCh color 90, 92.674, 134.653.

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
90, 92.674, 134.653

Protanopia
89, 71.274, 95.331

Deuteranopia
89, 28.386, 77.940



Tritanopia
90, 24.411, 220.802

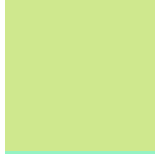
Trichromacy



Original Color
90, 92.674, 134.653



Protanomaly
89, 74.529, 114.103



Deuteranomaly
88, 46.768, 118.632

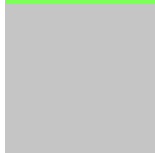


Tritanomaly
89, 40.906, 159.275

Monochromacy



Original Color
90, 92.674, 134.653



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 36.333, 137.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 92.674, 134.653 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(124, 255, 89)` looks like.

```
.text, #text, p{  
    color:rgb(124, 255, 89)  
}
```

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(124, 255, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 255, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 92.674, 134.653 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(124, 255, 89) }
```

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

```
.border{ border-color:rgb(124, 255, 89) }
```

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

Here you see how a box with a 4 pixel rgb(124, 255, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 255, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 255, 89);  
box-shadow:4px 4px 4px 4px rgb(124, 255,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 92.674, 134.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 255, 89) }
```

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

```
.background{ background-color: rgb(124,  
255, 89) }
```

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