

Converting Colors

CIELCh(90, 68.083, 134.661)

Have a look what the booklet for
CIELCh(90, 68.083, 134.661)
contains.

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Color

CIELCh(90, 67.901, 134.820)

Conversions

Conversions Part 1

Format	Color
Hex	9FF882
RGB	159, 248, 130
RGB Percent	62%, 97%, 51%
CMY	0.3755, 0.0264, 0.4893
CMYK	0.36, 0.00, 0.48, 0.03
HSL	105°, 90%, 74%
HSV	105°, 48%, 97%
XYZ	52.0365, 76.3034, 33.1860
YIQ	207.9370, -15.1660, -55.5660

Conversions

Conversions Part 2

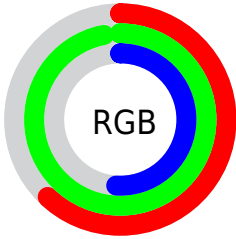
Format	Color
RYB	130, 248, 219
Decimal	10483842
CIELab	90.00, -47.86, 48.16
CIELCh	90, 67.901, 134.820
Yxy	76.3034, 0.3222, 0.4724
Android (android.graphics.Color)	4288673922 (0xFF9FF882)
YUV	207.9370, -38.4229, -42.9177
Hunter-Lab	87.3518, -46.5311, 38.6213

Details

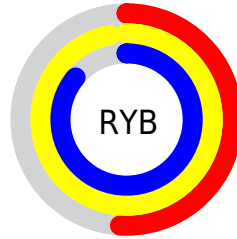
The CIELCh color **90, 67.901, 134.820** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68, 69.690, 319.433**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 38.170, 129.290**, and **70, 68.148, 134.817** is the 20% darker color. If you saturate the color by 10%, you get **89, 80.875, 134.224**, and if you desaturate by 10%, it is **91, 54.100, 135.444**.

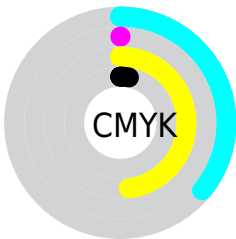
Distribution



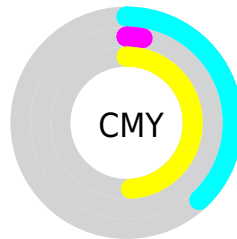
- Red (62%)
- Green (97%)
- Blue (51%)



- Red (51%)
- Yellow (97%)
- Blue (86%)



- Cyan (36%)
- Magenta (0%)
- Yellow (48%)
- Black (3%)



- Cyan (38%)
- Magenta (3%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 67.901, 134.820 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, 67.901, 134.820 by changing the saturation by 10% instead.

■ 90, 67.901,
134.820

■ 90, 67.901,
134.820

■ 100, 67.901,
134.820

■ 80, 67.901,
134.820

■ 70, 67.901,
134.820

■ 60, 67.901,
134.820


■ 50, 67.901,
134.820

■ 40, 67.901,
134.820


■ 30, 67.901,
134.820


■ 20, 67.901,

134.820


 10, 67.901,
134.820


 0, 67.901, 134.820


 90, 67.901,
134.820


 90, 67.901,
134.820

 89, 80.875,
134.224


 91, 54.100,
135.444


 88, 92.532,
133.737


 93, 39.828,
136.047

 87, 102.270,
133.479


 94, 25.348,
136.603

 87, 109.470,
133.582

 96, 10.849,
137.110

 86, 113.826,
134.105

 98, 3.531, 317.459

 86, 114.624,
134.242

 98, 4.198, 324.514

Harmonies

Complementary

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



90, 67.901, 134.820



68, 69.690, 319.433

Rectangle

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



90, 67.901, 134.820



90, 67.901, 184.820



90, 67.901, 314.820



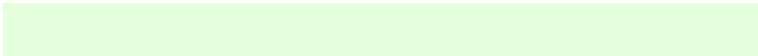
90, 67.901, 4.820

Sweetspot

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



90, 67.902, 134.821



97, 20.653, 136.786



88, 47.065, 91.241



52, 14.269, 136.675



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, 67.902, 134.821



91, 81.951, 134.250



89, 61.261, 147.997



51, 8.232, 137.014



67, 93.063, 134.061



22, 40.491, 133.336

Inverse Universe

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



68, 69.690, 319.433



64, 84.325, 319.723



70, 61.455, 335.774



49, 8.288, 317.816



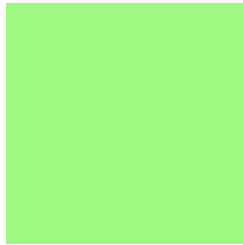
37, 94.592, 319.118



8, 42.586, 320.176

Previews

White Background



This preview shows how the CIE LCh color 90, 67.901, 134.820 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, 67.901, 134.820 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

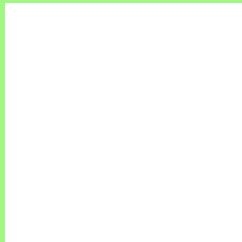
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 67.901, 134.820

Background



This preview shows how black text looks on a background with the CIELCh color 90, 67.901, 134.820.

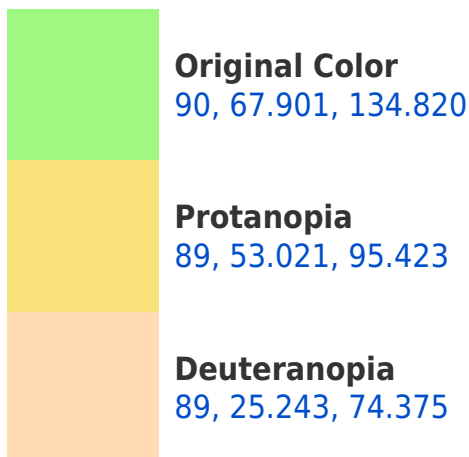



This preview shows how white text looks on a background with the CIELCh color 90, 67.901, 134.820.

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



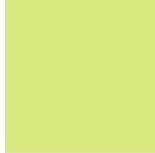


Tritanopia
90, 19.585, 228.945

Trichromacy



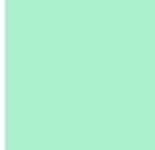
Original Color
90, 67.901, 134.820



Protanomaly
89, 54.618, 112.971



Deuteranomaly
89, 35.551, 113.588

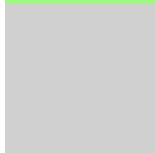


Tritanomaly
89, 28.473, 163.062

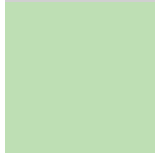
Monochromacy



Original Color
90, 67.901, 134.820



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 25.656, 136.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 67.901, 134.820 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(159, 248, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 248, 130)  
}
```

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(159, 248, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 248, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 67.901, 134.820 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(159, 248, 130) }
```

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

```
.border{ border-color:rgb(159, 248, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 248, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 248, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 248, 130);  
box-shadow:4px 4px 4px 4px rgb(159, 248,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 67.901, 134.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 248, 130) }
```

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

```
.background{ background-color: rgb(159,  
248, 130) }
```

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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