

Converting Colors

CIELCh(90, 88.018, 136.298)

Have a look what the booklet for
CIELCh(90, 88.018, 136.298)
contains.

CIELCh(90, 88.049, 136.295)	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, 88.049, 136.295)

Conversions

Conversions Part 1

Format	Color
Hex	7CFE65
RGB	124, 254, 101
RGB Percent	49%, 100%, 40%
CMY	0.5126, 0.0029, 0.6029
CMYK	0.51, 0.00, 0.60, 0.00
HSL	111°, 99%, 70%
HSV	111°, 60%, 100%
XYZ	46.2401, 76.3034, 24.6667
YIQ	197.6880, -28.3670, -75.1430

Conversions

Conversions Part 2

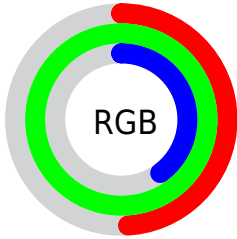
Format	Color
RYB	101, 254, 231
Decimal	8191589
CIELab	90.00, -63.65, 60.84
CIElCh	90, 88.049, 136.295
Yxy	76.3034, 0.3141, 0.5183
Android (android.graphics.Color)	4286381669 (0xFF7CFE65)
YUV	197.6880, -47.6672, -64.6244
Hunter-Lab	87.3518, -58.3757, 44.4037

Details

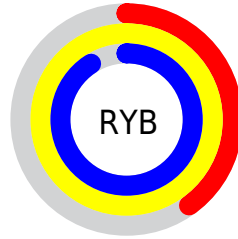
The CIELCh color **90, 88.049, 136.295** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **65, 88.943, 322.769**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 56.314, 133.997**, and **70, 87.918, 136.320** is the 20% darker color. If you saturate the color by 10%, you get **89, 99.544, 135.627**, and if you desaturate by 10%, it is **91, 74.910, 137.060**.

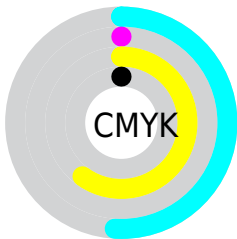
Distribution



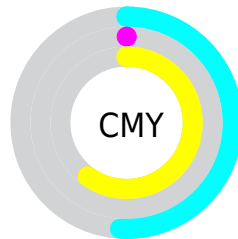
- Red (49%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (91%)



- Cyan (51%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 88.049, 136.295 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, 88.049, 136.295 by changing the saturation by 10% instead.


 90, 88.049,
136.295


 90, 88.049,
136.295


 100, 88.049,
136.295


 80, 88.049,
136.295

 70, 88.049,
136.295

 60, 88.049,
136.295


 50, 88.049,
136.295

 40, 88.049,
136.295


 30, 88.049,
136.295


 20, 88.049,


136.295


 10, 88.049,
136.295


 0, 88.049, 136.295


 90, 88.049,
136.295


 90, 88.049,
136.295


 89, 99.544,
135.627


 91, 74.910,
137.060


 88, 108.733,
135.181

 92, 60.689,
137.829

 88, 115.020,
135.085

 94, 45.824,
138.551

 88, 118.374,
135.311

 96, 30.645,
139.205

■ 98, 15.398,
139.785

■ 100, 0.259,
141.288

■ 100, 0.462,
323.787

Harmonies

Complementary

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



90, 88.049, 136.295



65, 88.943, 322.769

Rectangle

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



90, 88.049, 136.295



90, 88.049, 186.295



90, 88.049, 316.295



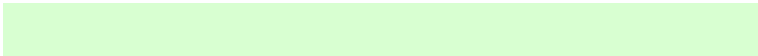
90, 88.049, 6.295

Sweetspot

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



90, 88.050, 136.296



96, 27.385, 139.337



91, 64.102, 95.303



51, 19.042, 139.159



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, 88.050, 136.296



89, 101.640, 135.524



90, 72.368, 149.290



52, 8.617, 139.822



68, 95.391, 135.186



23, 42.636, 134.698

Inverse Universe

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



65, 88.943, 322.769



60, 102.123, 322.948



66, 72.577, 340.976



50, 8.655, 320.694



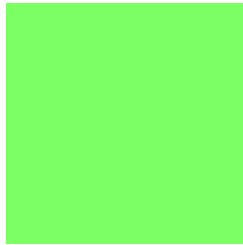
40, 94.231, 322.466



10, 43.258, 323.133

Previews

White Background



This preview shows how the CIE LCh color 90, 88.049, 136.295 looks on a white background.

Color Contrast Check

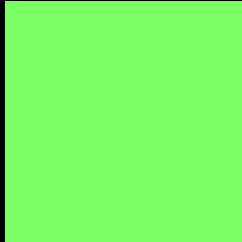
Large Text (above 18pt) WCAG AA × Fail

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, 88.049, 136.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

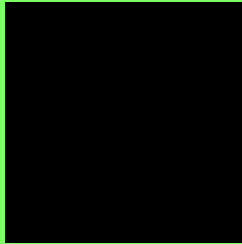
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

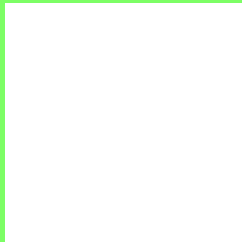
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 88.049, 136.295

Background



This preview shows how black text looks on a background with the CIELCh color 90, 88.049, 136.295.

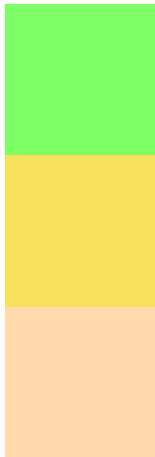


This preview shows how white text looks on a background with the CIELCh color 90, 88.049, 136.295.

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, 88.049, 136.295

Protanopia
89, 66.022, 95.480

Deuteranopia
89, 27.931, 77.484

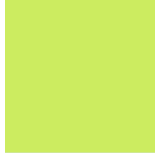


Tritanopia
90, 24.411, 220.802

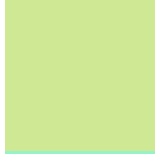
Trichromacy



Original Color
90, 88.049, 136.295



Protanomaly
89, 69.539, 115.481



Deuteranomaly
88, 44.385, 119.429

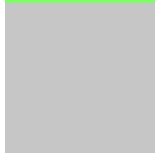


Tritanomaly
89, 39.504, 161.515

Monochromacy



Original Color
90, 88.049, 136.295



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 33.887, 139.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 88.049, 136.295 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, 254, 101)` looks like.

```
.text, #text, p{  
    color:rgb(124, 254, 101)  
}
```

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, 254, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 254, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 88.049, 136.295 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, 254, 101) }
```

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

```
.border{ border-color:rgb(124, 254, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 254, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 254, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 254, 101);  
box-shadow:4px 4px 4px 4px rgb(124, 254,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 88.049, 136.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 254, 101) }
```

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

```
.background{ background-color: rgb(124,  
254, 101) }
```

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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