

Converting Colors

CIELCh(91, 60.618, 150.060)

Have a look what the booklet for
CIELCh(91, 60.618, 150.060)
contains.

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Color

CIELCh(91, 60.647, 150.036)

Conversions

Conversions Part 1

Format	Color
Hex	83FEA9
RGB	131, 254, 169
RGB Percent	51%, 100%, 66%
CMY	0.4867, 0.0044, 0.3377
CMYK	0.48, 0.00, 0.33, 0.00
HSL	139°, 98%, 75%
HSV	139°, 48%, 100%
XYZ	51.8960, 78.4833, 49.8951
YIQ	207.5330, -46.0230, -52.5110

Conversions

Conversions Part 2

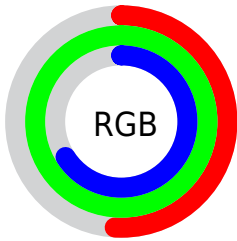
Format	Color
RYB	131, 225, 254
Decimal	8650409
CIELab	91.00, -52.54, 30.29
CIElCh	91, 60.647, 150.036
Yxy	78.4833, 0.2879, 0.4354
Android (android.graphics.Color)	4286840489 (0xFF83FEA9)
YUV	207.5330, -18.9968, -67.1194
Hunter-Lab	88.5908, -50.4696, 28.6209

Details

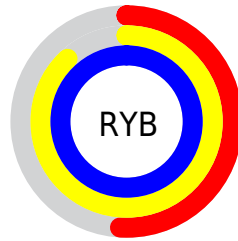
The CIELCh color **91, 60.647, 150.036** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 61.231, 338.513**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.317, 163.392**, and **71, 60.513, 150.057** is the 20% darker color. If you saturate the color by 10%, you get **90, 71.861, 148.624**, and if you desaturate by 10%, it is **92, 48.693, 151.266**.

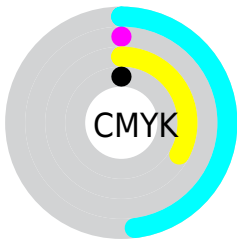
Distribution



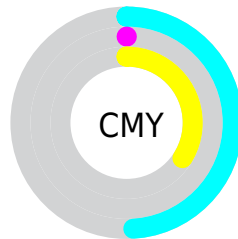
- Red (51%)
- Green (100%)
- Blue (66%)



- Red (51%)
- Yellow (88%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 60.647, 150.036 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 91, 60.647, 150.036 by changing the saturation by 10% instead.


 91, 60.647,
150.036


 91, 60.647,
150.036


 100, 60.647,
150.036


 81, 60.647,
150.036


 71, 60.647,
150.036

 61, 60.647,
150.036


 51, 60.647,
150.036

 41, 60.647,
150.036


 31, 60.647,
150.036


 21, 60.647,


150.036

 11, 60.647,
150.036


 1, 60.647, 150.036


 91, 60.647,
150.036


 91, 60.647,
150.036

 90, 71.861,
148.624

 92, 48.693,
151.266


 89, 82.089,
147.020

 94, 36.242,
152.334

 88, 91.123,
145.230

 96, 23.524,
153.265

 88, 98.821,
143.292

 98, 10.735,
154.090

■ 88,105.142,
141.298

100, 0.702,
324.025

■ 88,106.029,
141.009

Harmonies

Complementary

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



91, 60.647, 150.036



71, 61.231, 338.513

Rectangle

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



91, 60.647, 150.036



91, 60.647, 200.036



91, 60.647, 330.036



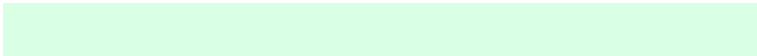
91, 60.647, 20.036

Sweetspot

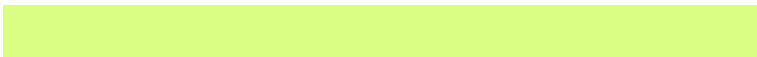
The Sweet Spot groups the original color and five complimentary colors.



91, 60.648, 150.036



97, 19.181, 153.558



95, 62.333, 119.039



51, 13.093, 153.380



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 60.648, 150.036



90, 71.630, 148.689



92, 40.322, 178.394



52, 7.254, 154.006



68, 84.971, 141.372



23, 36.603, 144.286

Inverse Universe

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



71, 61.231, 338.513



67, 71.728, 339.487



69, 49.856, 9.977



50, 7.293, 335.281



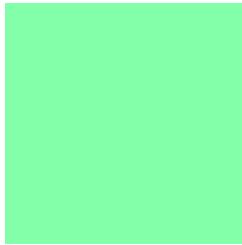
42, 73.895, 345.611



11, 34.826, 342.907

Previews

White Background



This preview shows how the CIE LCh color 91, 60.647, 150.036 looks on a white background.

Color Contrast Check

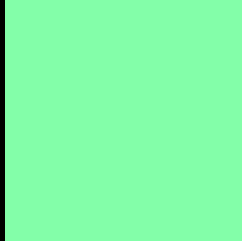
Large Text (above 18pt) WCAG AA × Fail

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 91, 60.647, 150.036 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

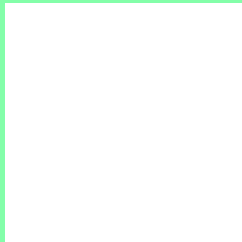
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 60.647, 150.036

Background



This preview shows how black text looks on a background with the CIELCh color 91, 60.647, 150.036.

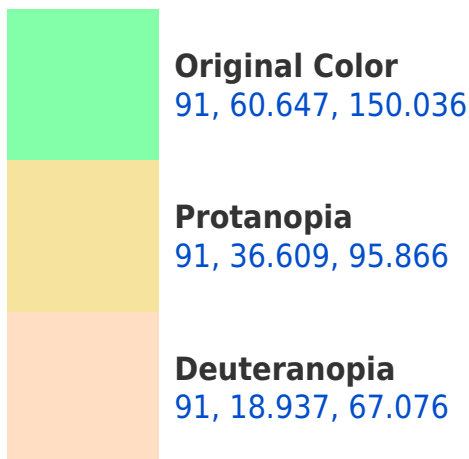


This preview shows how white text looks on a background with the CIELCh color 91, 60.647, 150.036.

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



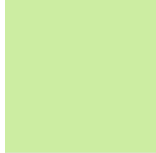


Tritanopia
91, 22.114, 220.407

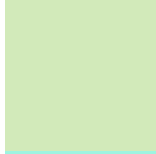
Trichromacy



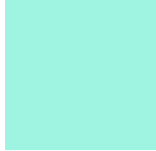
Original Color
91, 60.647, 150.036



Protanomaly
90, 40.348, 125.395

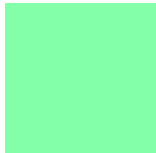


Deuteranomaly
90, 26.344, 128.131

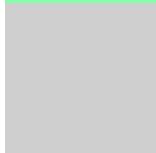


Tritanomaly
90, 30.320, 177.329

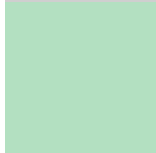
Monochromacy



Original Color
91, 60.647, 150.036



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 23.109, 153.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 60.647, 150.036 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(131, 254, 169)` looks like.

```
.text, #text, p{  
    color:rgb(131, 254, 169)  
}
```

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(131, 254, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 254, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 60.647, 150.036 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(131, 254, 169) }
```

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

```
.border{ border-color:rgb(131, 254, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 254, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 254, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 254, 169);  
box-shadow:4px 4px 4px 4px rgb(131, 254,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 60.647, 150.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 254, 169) }
```

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

```
.background{ background-color: rgb(131,  
254, 169) }
```

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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