

Converting Colors

CIELCh(100, 90.205, 139.682)

Have a look what the booklet for
CIELCh(100, 90.205, 139.682)
contains.

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Color

CIELCh(91, 74.121, 140.245)

Conversions

Conversions Part 1

Format	Color
Hex	88FF86
RGB	136, 255, 134
RGB Percent	53%, 100%, 53%
CMY	0.4666, 0.0000, 0.4745
CMYK	0.47, 0.00, 0.47, 0.00
HSL	119°, 100%, 76%
HSV	119°, 47%, 100%
XYZ	50.2220, 78.4833, 35.0599
YIQ	205.6250, -32.0830, -62.8590

Conversions

Conversions Part 2

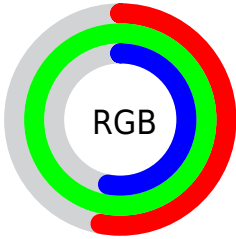
Format	Color
RYB	134, 255, 253
Decimal	8978310
CIELab	91.00, -56.98, 47.40
CIElCh	91, 74.121, 140.245
Yxy	78.4833, 0.3067, 0.4792
Android (android.graphics.Color)	4287168390 (0xFF88FF86)
YUV	205.6250, -35.3111, -61.0611
Hunter-Lab	88.5908, -53.8426, 38.5495

Details

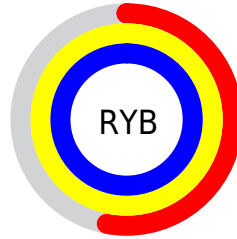
The CIELCh color **91, 74.121, 140.245** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 73.885, 326.455**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 40.173, 140.420**, and **71, 74.091, 140.218** is the 20% darker color. If you saturate the color by 10%, you get **90, 87.837, 139.159**, and if you desaturate by 10%, it is **92, 59.218, 141.253**.

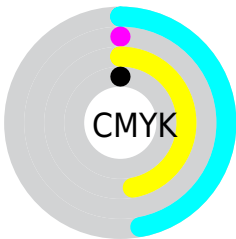
Distribution



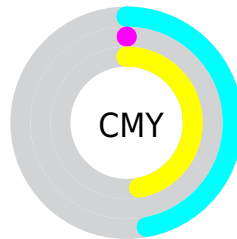
- Red (53%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (99%)



- Cyan (47%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 74.121, 140.245 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, 74.121, 140.245 by changing the saturation by 10% instead.


 91, 74.121,
140.245


 91, 74.121,
140.245


 100, 74.121,
140.245


 81, 74.121,
140.245

 71, 74.121,
140.245

 61, 74.121,
140.245


 51, 74.121,
140.245

 41, 74.121,
140.245


 31, 74.121,
140.245


 21, 74.121,


140.245


 11, 74.121,
140.245


 1, 74.121, 140.245

 91, 74.121,
140.245


 91, 74.121,
140.245

 90, 87.837,
139.159


 92, 59.218,
141.253

 89, 99.807,
138.068

 94, 43.625,
142.149

 88, 109.364,
137.093

 96, 27.710,
142.928

 88, 115.900,
136.385

 98, 11.761,
143.604

■ 88, 119.184,
136.039

100, 0.012,
296.813

■ 88, 119.703,
135.970

Harmonies

Complementary

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



91, 74.121, 140.245



73, 73.885, 326.455

Rectangle

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



91, 74.121, 140.245



91, 74.121, 190.245



91, 74.121, 320.245



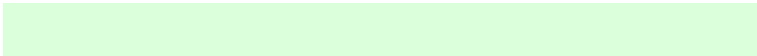
91, 74.121, 10.245

Sweetspot

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



91, 74.114, 140.246



97, 22.207, 143.170



97, 58.657, 104.867



51, 15.345, 143.020



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

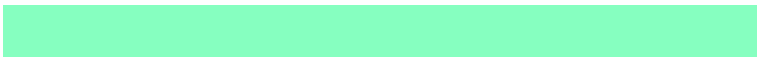
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 74.114, 140.246



90, 87.258, 139.209



92, 51.727, 157.815



52, 8.995, 143.471



68, 96.387, 135.951



22, 43.688, 136.549

Inverse Universe

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



73, 73.885, 326.455



69, 86.600, 326.845



71, 54.259, 347.710



50, 9.010, 324.498



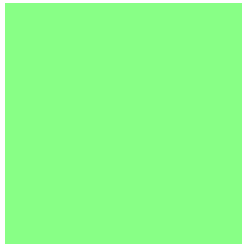
45, 93.148, 327.580



12, 42.849, 327.658

Previews

White Background



This preview shows how the CIE LCh color 91, 74.121, 140.245 looks on a white background.

Color Contrast Check

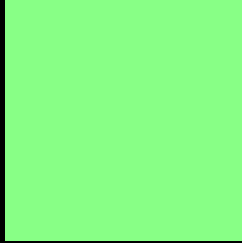
Large Text (above 18pt) WCAG AA × Fail

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, 74.121, 140.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

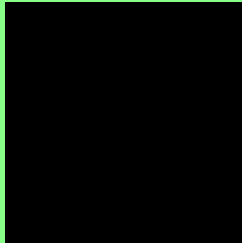
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

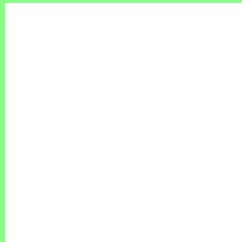
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 74.121, 140.245

Background



This preview shows how black text looks on a background with the CIELCh color 91, 74.121, 140.245.

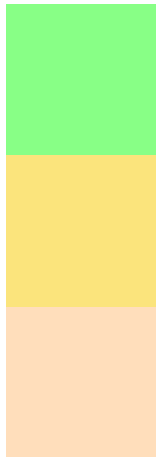


This preview shows how white text looks on a background with the CIELCh color 91, 74.121, 140.245.

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


91, 74.121, 140.245

Protanopia

91, 53.392, 95.537

Deuteranopia

90, 22.286, 73.599

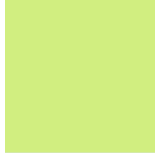


Tritanopia
91, 21.595, 220.997

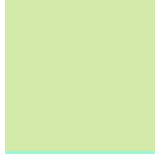
Trichromacy



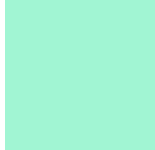
Original Color
91, 74.121, 140.245



Protanomaly
90, 56.250, 117.624



Deuteranomaly
90, 34.853, 121.483

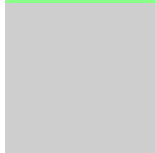


Tritanomaly
91, 33.707, 165.672

Monochromacy



Original Color
91, 74.121, 140.245



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 28.045, 142.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 74.121, 140.245 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(136, 255, 134)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 134)  
}
```

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(136, 255, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 74.121, 140.245 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(136, 255, 134) }
```

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

```
.border{ border-color:rgb(136, 255, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 134);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 74.121, 140.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 134) }
```

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

```
.background{ background-color: rgb(136,  
255, 134) }
```

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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