

Converting Colors

CIELCh(91, 74.810, 140.529)

Have a look what the booklet for
CIELCh(91, 74.810, 140.529)
contains.

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Color

CIELCh(91, 74.467, 140.576)

Conversions

Conversions Part 1

Format	Color
Hex	86FF86
RGB	134, 255, 134
RGB Percent	53%, 100%, 53%
CMY	0.4736, 0.0000, 0.4737
CMYK	0.47, 0.00, 0.47, 0.00
HSL	120°, 100%, 76%
HSV	120°, 47%, 100%
XYZ	50.0209, 78.4833, 35.1446
YIQ	205.0270, -33.2750, -63.2830

Conversions

Conversions Part 2

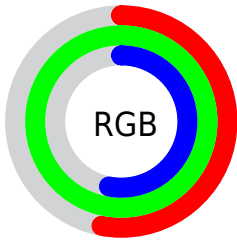
Format	Color
RYB	134, 255, 255
Decimal	8847238
CIELab	91.00, -57.52, 47.29
CIElCh	91, 74.467, 140.576
Yxy	78.4833, 0.3057, 0.4796
Android (android.graphics.Color)	4287037318 (0xFF86FF86)
YUV	205.0270, -35.0163, -62.2907
Hunter-Lab	88.5908, -54.2477, 38.4928

Details

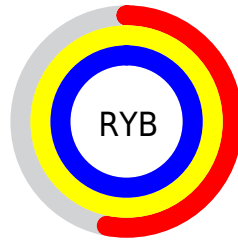
The CIELCh color **91, 74.467, 140.576** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 74.006, 326.940**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 40.567, 141.192**, and **71, 74.377, 140.479** is the 20% darker color. If you saturate the color by 10%, you get **90, 88.087, 139.453**, and if you desaturate by 10%, it is **92, 59.394, 141.623**.

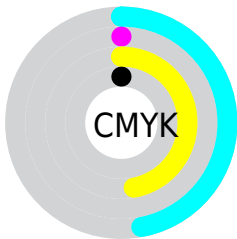
Distribution



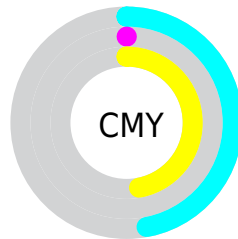
- Red (53%)
- Green (100%)
- Blue (53%)



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



- 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, 74.467, 140.576 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, 74.467, 140.576 by changing the saturation by 10% instead.


 91, 74.467,
140.576


 91, 74.467,
140.576


 100, 74.467,
140.576


 81, 74.467,
140.576

 71, 74.467,
140.576

 61, 74.467,
140.576


 51, 74.467,
140.576

 41, 74.467,
140.576


 31, 74.467,
140.576


 21, 74.467,

140.576


 11, 74.467,
140.576


 1, 74.467, 140.576


 91, 74.467,
140.576


 91, 74.467,
140.576

 90, 88.087,
139.453


 92, 59.394,
141.623


 89, 100.046,
138.308

 94, 43.729,
142.545

 88, 109.561,
137.271

 96, 27.732,
143.343

 88, 116.030,
136.494

 98, 11.698,
144.034

■ 88, 119.241,
136.086

100, 0.012,
296.813

■ 88, 119.778,
136.016

Harmonies

Complementary

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



91, 74.467, 140.576



73, 74.006, 326.940

Rectangle

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



91, 74.467, 140.576



91, 74.467, 190.576



91, 74.467, 320.576



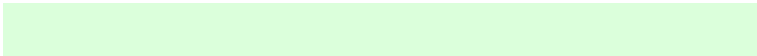
91, 74.467, 10.576

Sweetspot

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



91, 74.341, 140.582



97, 22.327, 143.585



97, 58.566, 104.874



51, 15.428, 143.431



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, 74.341, 140.582



90, 87.611, 139.495



92, 51.648, 157.825



52, 9.043, 143.893



68, 96.474, 136.015



22, 43.824, 136.775

Inverse Universe

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



73, 74.006, 326.940



69, 86.803, 327.349



71, 54.175, 347.699



50, 9.056, 324.943



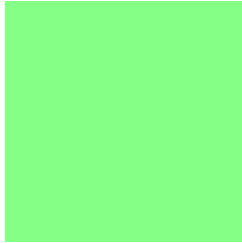
45, 93.083, 328.227



12, 42.823, 328.228

Previews

White Background



This preview shows how the CIE LCh color 91, 74.467, 140.576 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, 74.467, 140.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

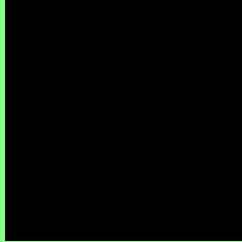
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

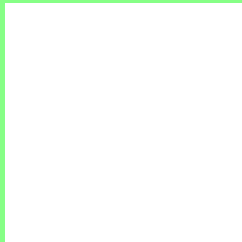
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 74.467, 140.576

Background



This preview shows how black text looks on a background with the CIELCh color 91, 74.467, 140.576.

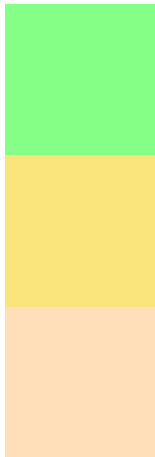


This preview shows how white text looks on a background with the CIELCh color 91, 74.467, 140.576.

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, 74.467, 140.576

Protanopia
90, 53.310, 95.976

Deuteranopia
90, 22.723, 74.269

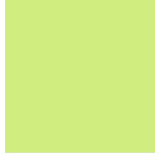


Tritanopia
91, 21.855, 220.698

Trichromacy



Original Color
91, 74.467, 140.576



Protanomaly
90, 56.340, 118.010



Deuteranomaly
90, 35.441, 121.851

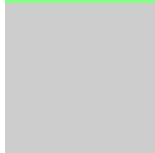


Tritanomaly
91, 33.959, 165.910

Monochromacy



Original Color
91, 74.467, 140.576



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 28.279, 143.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 74.467, 140.576 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(134, 255, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 255, 134) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 91, 74.467, 140.576 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(134, 255, 134) }
```

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

```
.border{ border-color:rgb(134, 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(134, 255, 134)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 91, 74.467, 140.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(134,  
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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