

Converting Colors

CIELCh(91, 72.620, 140.714)

Have a look what the booklet for
CIELCh(91, 72.620, 140.714)
contains.

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Color

CIELCh(91, 72.761, 140.704)

Conversions

Conversions Part 1

Format	Color
Hex	89FF89
RGB	137, 255, 137
RGB Percent	54%, 100%, 54%
CMY	0.4636, 0.0008, 0.4635
CMYK	0.46, 0.00, 0.46, 0.00
HSL	120°, 100%, 77%
HSV	120°, 46%, 100%
XYZ	50.4738, 78.4833, 36.0820
YIQ	206.2660, -32.4500, -61.7140

Conversions

Conversions Part 2

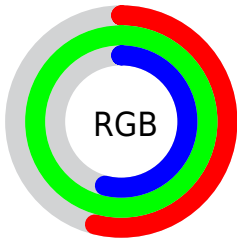
Format	Color
RYB	137, 255, 255
Decimal	9043849
CIELab	91.00, -56.31, 46.08
CIElCh	91, 72.761, 140.704
Yxy	78.4833, 0.3058, 0.4755
Android (android.graphics.Color)	4287233929 (0xFF89FF89)
YUV	206.2660, -34.1481, -60.7463
Hunter-Lab	88.5908, -53.3351, 37.8655

Details

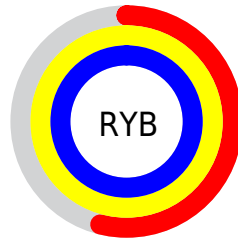
The CIELCh color **91, 72.761, 140.704** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 72.462, 326.901**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 38.689, 141.207**, and **71, 72.666, 140.575** is the 20% darker color. If you saturate the color by 10%, you get **90, 86.650, 139.581**, and if you desaturate by 10%, it is **92, 57.729, 141.734**.

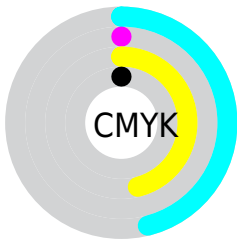
Distribution



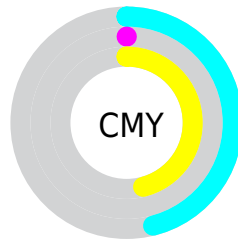
- Red (54%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (46%)
- Magenta (0%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 72.761, 140.704 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, 72.761, 140.704 by changing the saturation by 10% instead.


 91, 72.761,
140.704


 91, 72.761,
140.704


 100, 72.761,
140.704


 81, 72.761,
140.704

 71, 72.761,
140.704

 61, 72.761,
140.704


 51, 72.761,
140.704

 41, 72.761,
140.704


 31, 72.761,
140.704


 21, 72.761,


140.704


 11, 72.761,
140.704

 1, 72.761, 140.704


 91, 72.761,
140.704


 91, 72.761,
140.704

 90, 86.650,
139.581


 92, 57.729,
141.734


 89, 98.819,
138.433

 94, 42.025,
142.643

 88, 108.617,
137.376

 96, 26.024,
143.428

 88, 115.426,
136.563

 98, 10.011,
144.112

■ 88, 118.950,
136.115

100, 0.141,
322.247

■ 88, 119.701,
136.017

Harmonies

Complementary

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



91, 72.761, 140.704



74, 72.462, 326.901

Rectangle

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



91, 72.761, 140.704



91, 72.761, 190.704



91, 72.761, 320.704



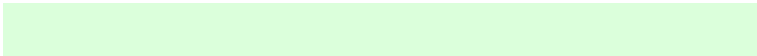
91, 72.761, 10.704

Sweetspot

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



91, 72.762, 140.704



97, 22.325, 143.594



98, 58.158, 105.723



51, 15.427, 143.440



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, 72.762, 140.704



90, 86.294, 139.617



92, 49.853, 158.817



52, 9.042, 143.901



68, 96.471, 136.017



22, 43.821, 136.780

Inverse Universe

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



74, 72.462, 326.901



70, 85.545, 327.319



72, 52.536, 348.553



50, 9.056, 324.952



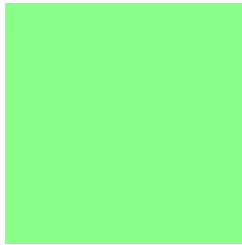
45, 93.069, 328.240



12, 42.817, 328.239

Previews

White Background



This preview shows how the CIE LCh color 91, 72.761, 140.704 looks on a white background.

Color Contrast Check

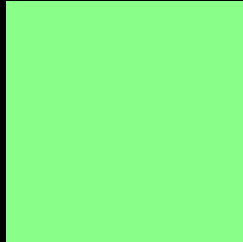
Large Text (above 18pt) WCAG AA × Fail

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, 72.761, 140.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

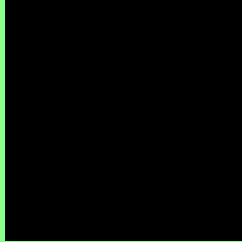
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

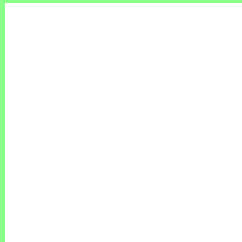
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 72.761, 140.704

Background



This preview shows how black text looks on a background with the CIELCh color 91, 72.761, 140.704.

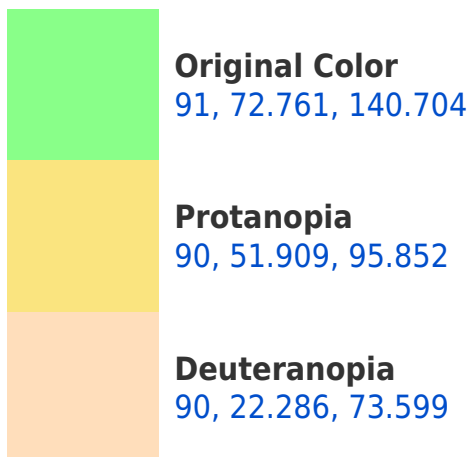


This preview shows how white text looks on a background with the CIELCh color 91, 72.761, 140.704.

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



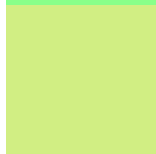


Tritanopia
91, 21.334, 221.305

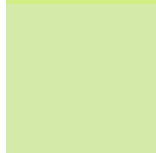
Trichromacy



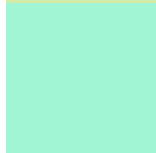
Original Color
91, 72.761, 140.704



Protanomaly
90, 54.880, 118.005



Deuteranomaly
90, 34.366, 121.709



Tritanomaly
91, 33.138, 166.154

Monochromacy



Original Color
91, 72.761, 140.704



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 27.610, 143.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 72.761, 140.704 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(137, 255, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 255, 137)  
}
```

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(137, 255, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 255, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 72.761, 140.704 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(137, 255, 137) }
```

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

```
.border{ border-color:rgb(137, 255, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 255, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 255, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 255, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 255,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 72.761, 140.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 255, 137) }
```

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

```
.background{ background-color: rgb(137,  
255, 137) }
```

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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