

Converting Colors

CIELCh(91, 72.829, 142.479)

Have a look what the booklet for
CIELCh(91, 72.829, 142.479)
contains.

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Color

CIELCh(91, 72.797, 142.501)

Conversions

Conversions Part 1

Format	Color
Hex	82FF8C
RGB	130, 255, 140
RGB Percent	51%, 100%, 55%
CMY	0.4885, 0.0000, 0.4494
CMYK	0.49, 0.00, 0.45, 0.00
HSL	125°, 100%, 76%
HSV	125°, 49%, 100%
XYZ	49.9350, 78.4833, 37.4813
YIQ	204.5150, -37.5850, -62.2650

Conversions

Conversions Part 2

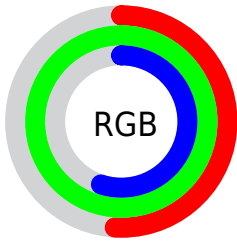
Format	Color
RYB	130, 246, 255
Decimal	8585100
CIELab	91.00, -57.75, 44.31
CIElCh	91, 72.797, 142.501
Yxy	78.4833, 0.3010, 0.4731
Android (android.graphics.Color)	4286775180 (0xFF82FF8C)
YUV	204.5150, -31.8059, -65.3497
Hunter-Lab	88.5908, -54.4208, 36.9290

Details

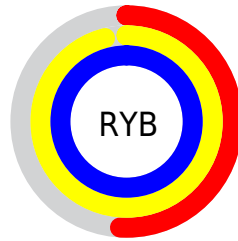
The CIELCh color **91, 72.797, 142.501** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **72, 72.131, 329.470**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 38.864, 145.177**, and **71, 72.798, 142.375** is the 20% darker color. If you saturate the color by 10%, you get **90, 85.632, 141.285**, and if you desaturate by 10%, it is **92, 58.427, 143.629**.

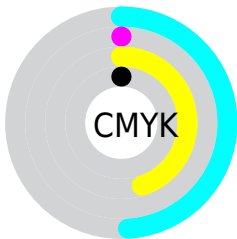
Distribution



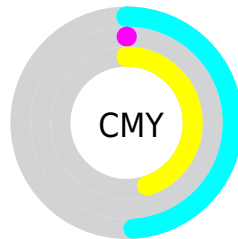
- Red (51%)
- Green (100%)
- Blue (55%)



- Red (51%)
- Yellow (96%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 72.797, 142.501 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, 72.797, 142.501 by changing the saturation by 10% instead.


 91, 72.797,
142.501


 91, 72.797,
142.501


 100, 72.797,
142.501


 81, 72.797,
142.501

 71, 72.797,
142.501

 61, 72.797,
142.501


 51, 72.797,
142.501

 41, 72.797,
142.501


 31, 72.797,
142.501


 21, 72.797,


142.501


 11, 72.797,
142.501


 1, 72.797, 142.501

 91, 72.797,
142.501


 91, 72.797,
142.501

 90, 85.632,
141.285


 92, 58.427,
143.629


 89, 97.175,
139.968

 94, 43.627,
144.598

 88, 106.697,
138.655

 96, 28.500,
145.435

 88, 113.728,
137.473

 98, 13.313,
146.159

■ 88, 117.996,
136.582

100, 0.012,
296.813

■ 88, 118.331,
136.516

Harmonies

Complementary

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



91, 72.797, 142.501



72, 72.131, 329.470

Rectangle

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



91, 72.797, 142.501



91, 72.797, 192.501



91, 72.797, 322.501



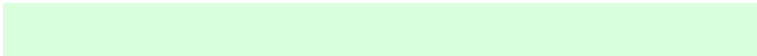
91, 72.797, 12.501

Sweetspot

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



91, 72.563, 142.520



97, 22.652, 145.725



97, 61.217, 108.626



51, 15.467, 145.568



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, 72.563, 142.520



90, 85.821, 141.266



92, 49.443, 162.089



52, 8.559, 146.114



68, 94.965, 136.665



22, 42.074, 138.320

Inverse Universe

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



72, 72.131, 329.470



68, 84.607, 330.002



70, 53.514, 353.187



50, 8.575, 327.197



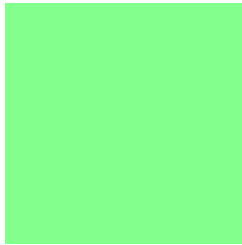
45, 87.410, 331.703



12, 40.518, 331.253

Previews

White Background



This preview shows how the CIE LCh color 91, 72.797, 142.501 looks on a white background.

Color Contrast Check

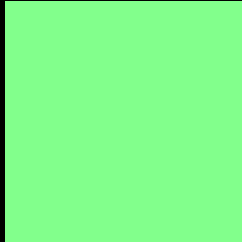
Large Text (above 18pt) WCAG AA × Fail

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, 72.797, 142.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

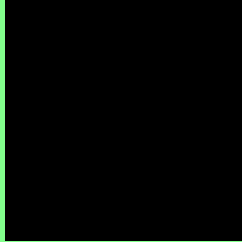
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 72.797, 142.501

Background



This preview shows how black text looks on a background with the CIELCh color 91, 72.797, 142.501.

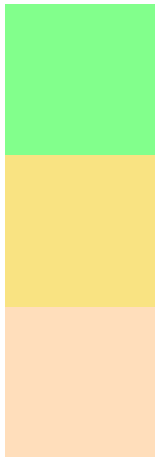


This preview shows how white text looks on a background with the CIELCh color 91, 72.797, 142.501.

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, 72.797, 142.501

Protanopia
90, 50.057, 95.641

Deuteranopia
90, 22.286, 73.599



Tritanopia
91, 22.373, 220.123

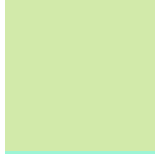
Trichromacy



Original Color
91, 72.797, 142.501



Protanomaly
90, 53.260, 119.336



Deuteranomaly
90, 34.090, 123.155

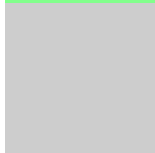


Tritanomaly
90, 34.098, 168.023

Monochromacy



Original Color
91, 72.797, 142.501



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 27.207, 145.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 72.797, 142.501 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(130, 255, 140)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 140)  
}
```

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(130, 255, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 72.797, 142.501 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(130, 255, 140) }
```

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

```
.border{ border-color:rgb(130, 255, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 72.797, 142.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 140) }
```

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

```
.background{ background-color: rgb(130,  
255, 140) }
```

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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