

Converting Colors

CIELCh(91, 74.442, 143.205)

Have a look what the booklet for
CIELCh(91, 74.442, 143.205)
contains.

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Color

CIELCh(91, 73.655, 143.264)

Conversions

Conversions Part 1

Format	Color
Hex	7EFF8D
RGB	126, 255, 141
RGB Percent	49%, 100%, 55%
CMY	0.5060, 0.0000, 0.4476
CMYK	0.51, 0.00, 0.45, 0.00
HSL	127°, 100%, 75%
HSV	127°, 51%, 100%
XYZ	49.4640, 78.4833, 37.6901
YIQ	203.4330, -40.2900, -62.8020

Conversions

Conversions Part 2

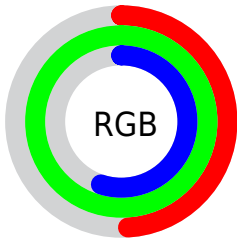
Format	Color
RYB	126, 242, 255
Decimal	8322957
CIELab	91.00, -59.03, 44.06
CIELCh	91, 73.655, 143.264
Yxy	78.4833, 0.2986, 0.4738
Android (android.graphics.Color)	4286513037 (0xFF7EFF8D)
YUV	203.4330, -30.7795, -67.9087
Hunter-Lab	88.5908, -55.3698, 36.7892

Details

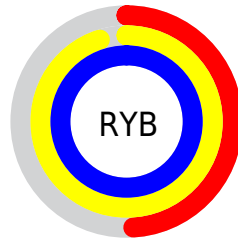
The CIELCh color **91, 73.655, 143.264** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **71, 72.657, 330.771**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 39.095, 146.706**, and **71, 72.817, 143.493** is the 20% darker color. If you saturate the color by 10%, you get **90, 85.761, 142.019**, and if you desaturate by 10%, it is **92, 59.470, 144.468**.

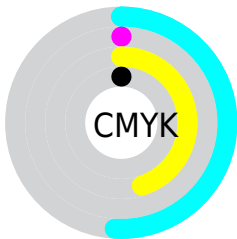
Distribution



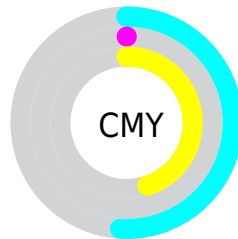
- Red (49%)
- Green (100%)
- Blue (55%)



- Red (49%)
- Yellow (95%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 73.655, 143.264 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, 73.655, 143.264 by changing the saturation by 10% instead.


 91, 73.655,
143.264


 91, 73.655,
143.264


 100, 73.655,
143.264


 81, 73.655,
143.264

 71, 73.655,
143.264

 61, 73.655,
143.264


 51, 73.655,
143.264

 41, 73.655,
143.264


 31, 73.655,
143.264


 21, 73.655,


143.264

 11, 73.655,
143.264


 1, 73.655, 143.264

 91, 73.655,
143.264


 91, 73.655,
143.264


 90, 85.761,
142.019


 92, 59.470,
144.468


 89, 96.899,
140.625

 94, 45.109,
145.478

 88, 106.129,
139.205

 95, 30.388,
146.348

 88, 113.053,
137.881

 98, 15.571,
147.100

■ 88, 117.279,
136.884

100, 0.861,
148.110

100, 0.012,
296.813

Harmonies

Complementary

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



91, 73.655, 143.264



71, 72.657, 330.771

Rectangle

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



91, 73.655, 143.264



91, 73.655, 193.264



91, 73.655, 323.264



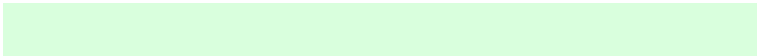
91, 73.655, 13.264

Sweetspot

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



91, 73.146, 143.313



97, 22.093, 146.782



97, 63.337, 110.049



51, 15.085, 146.622



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, 73.146, 143.313



90, 86.242, 141.965



92, 49.546, 163.804



52, 8.349, 147.177



68, 94.025, 137.077



22, 41.309, 139.048

Inverse Universe

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



71, 72.657, 330.771



67, 84.782, 331.374



69, 54.566, 355.754



50, 8.366, 328.280



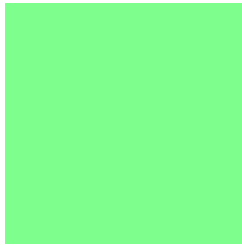
44, 85.011, 333.449



12, 39.536, 332.750

Previews

White Background



This preview shows how the CIE LCh color 91, 73.655, 143.264 looks on a white background.

Color Contrast Check

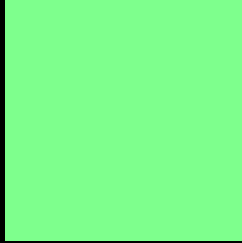
Large Text (above 18pt) WCAG AA × Fail

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, 73.655, 143.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

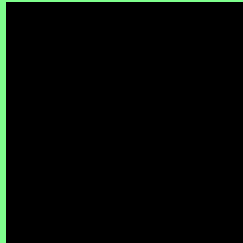
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

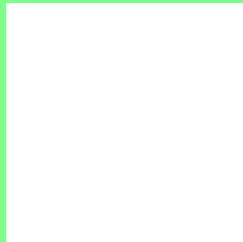
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 73.655, 143.264

Background



This preview shows how black text looks on a background with the CIELCh color 91, 73.655, 143.264.



This preview shows how white text looks on a background with the CIELCh color 91, 73.655, 143.264.

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



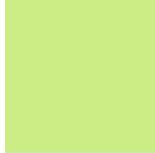


Tritanopia
90, 23.145, 219.314

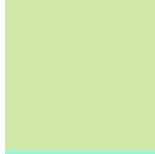
Trichromacy



Original Color
91, 73.092, 143.338



Protanomaly
89, 53.460, 120.135



Deuteranomaly
89, 33.743, 124.007

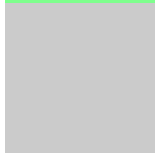


Tritanomaly
90, 35.101, 168.846

Monochromacy



Original Color
91, 73.092, 143.338



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 28.096, 146.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 73.655, 143.264 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(126, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(126, 255, 141)  
}
```

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(126, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 255, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 73.655, 143.264 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(126, 255, 141) }
```

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

```
.border{ border-color:rgb(126, 255, 141) }
```

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

Here you see how a box with a 4 pixel rgb(126, 255, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(126, 255,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 73.655, 143.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 255, 141) }
```

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

```
.background{ background-color: rgb(126,  
255, 141) }
```

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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