

Converting Colors

CIELCh(91, 71.816, 140.396)

Have a look what the booklet for
CIELCh(91, 71.816, 140.396)
contains.

CIELCh(91, 71.872, 140.380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 71.872, 140.380)

Conversions

Conversions Part 1

Format	Color
Hex	8BFE89
RGB	139, 254, 137
RGB Percent	55%, 100%, 54%
CMY	0.4533, 0.0023, 0.4613
CMYK	0.45, 0.00, 0.46, 0.00
HSL	119°, 99%, 77%
HSV	119°, 46%, 100%
XYZ	50.8285, 78.4833, 36.2772
YIQ	206.2770, -30.9830, -60.7670

Conversions

Conversions Part 2

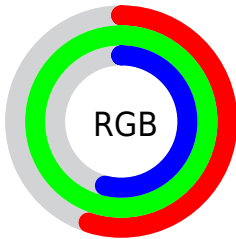
Format	Color
RYB	137, 254, 252
Decimal	9174665
CIELab	91.00, -55.36, 45.83
CIELCh	91, 71.872, 140.380
Yxy	78.4833, 0.3070, 0.4740
Android (android.graphics.Color)	4287364745 (0xFF8BFE89)
YUV	206.2770, -34.1536, -59.0019
Hunter-Lab	88.5908, -52.6204, 37.7348

Details

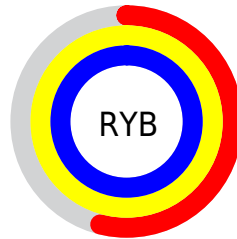
The CIELCh color **91, 71.872, 140.380** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 71.693, 326.365**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 38.295, 140.392**, and **71, 71.849, 140.332** is the 20% darker color. If you saturate the color by 10%, you get **90, 85.773, 139.304**, and if you desaturate by 10%, it is **92, 56.880, 141.371**.

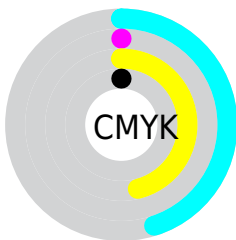
Distribution



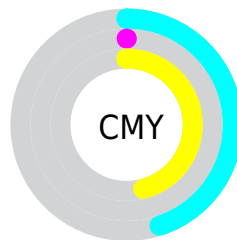
- Red (55%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (99%)



- Cyan (45%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 71.872, 140.380 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, 71.872, 140.380 by changing the saturation by 10% instead.


 91, 71.872,
140.380


 91, 71.872,
140.380


 100, 71.872,
140.380


 81, 71.872,
140.380

 71, 71.872,
140.380

 61, 71.872,
140.380


 51, 71.872,
140.380

 41, 71.872,
140.380


 31, 71.872,
140.380


 21, 71.872,


140.380


 11, 71.872,
140.380


 1, 71.872, 140.380


 91, 71.872,
140.380


 91, 71.872,
140.380


 90, 85.773,
139.304


 92, 56.880,
141.371

 89, 98.015,
138.210

 94, 41.252,
142.249

 88, 107.948,
137.212

 96, 25.351,
143.010

 88, 114.943,
136.460

 98, 9.450, 143.675

100, 0.374,

■ 88,118.669,
136.070

323.628

■ 88,119.490,
135.968

Harmonies

Complementary

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



91, 71.872, 140.380



74, 71.693, 326.365

Rectangle

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



91, 71.872, 140.380



91, 71.872, 190.380



91, 71.872, 320.380



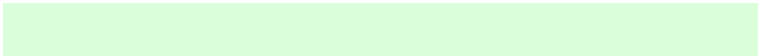
91, 71.872, 10.380

Sweetspot

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



91, 71.873, 140.380



97, 22.201, 143.149



97, 56.067, 104.223



51, 15.341, 142.999



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

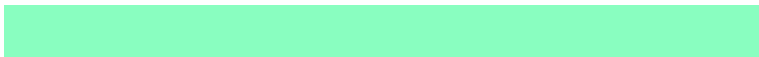
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 71.873, 140.380



90, 84.601, 139.414



92, 50.895, 157.187



52, 8.992, 143.449



68, 96.383, 135.947



22, 43.682, 136.537

Inverse Universe

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



74, 71.693, 326.365



70, 84.062, 326.743



72, 53.099, 346.526



50, 9.008, 324.475



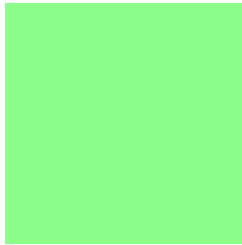
45, 93.152, 327.547



12, 42.850, 327.629

Previews

White Background



This preview shows how the CIE LCh color 91, 71.872, 140.380 looks on a white background.

Color Contrast Check

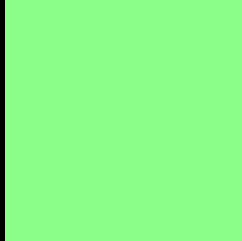
Large Text (above 18pt) WCAG AA × Fail

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, 71.872, 140.380 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

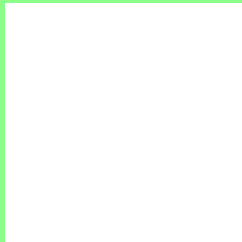
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 71.872, 140.380

Background



This preview shows how black text looks on a background with the CIELCh color 91, 71.872, 140.380.

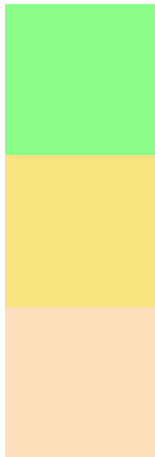


This preview shows how white text looks on a background with the CIELCh color 91, 71.872, 140.380.

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, 71.872, 140.380

Protanopia
90, 51.440, 95.807

Deuteranopia
90, 21.853, 72.900

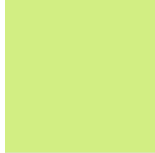


Tritanopia
91, 21.073, 221.621

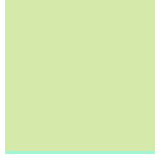
Trichromacy



Original Color
91, 71.872, 140.380



Protanomaly
90, 54.792, 117.609



Deuteranomaly
90, 33.779, 121.325

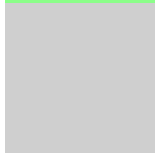


Tritanomaly
91, 32.883, 165.909

Monochromacy



Original Color
91, 71.872, 140.380



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 26.965, 143.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 71.872, 140.380 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(139, 254, 137)` looks like.

```
.text, #text, p{  
    color:rgb(139, 254, 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(139, 254, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 254, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 71.872, 140.380 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(139, 254, 137) }
```

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

```
.border{ border-color:rgb(139, 254, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 254, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 254, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 254, 137);  
box-shadow:4px 4px 4px 4px rgb(139, 254,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 71.872, 140.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 254, 137) }
```

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

```
.background{ background-color: rgb(139,  
254, 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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