

Converting Colors

CIELCh(94, 75.472, 138.860)

Have a look what the booklet for
CIELCh(94, 75.472, 138.860)
contains.

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Color

CIELCh(91, 70.996, 138.902)

Conversions

Conversions Part 1

Format	Color
Hex	92FE88
RGB	146, 254, 136
RGB Percent	57%, 100%, 53%
CMY	0.4289, 0.0054, 0.4677
CMYK	0.43, 0.00, 0.46, 0.01
HSL	115°, 98%, 76%
HSV	115°, 46%, 99%
XYZ	51.5309, 78.4833, 35.6243
YIQ	208.2560, -26.4900, -59.5940

Conversions

Conversions Part 2

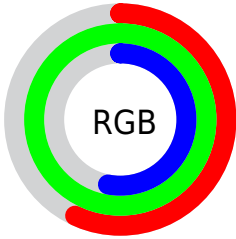
Format	Color
RYB	136, 254, 244
Decimal	9633416
CIELab	91.00, -53.50, 46.67
CIElCh	91, 70.996, 138.902
Yxy	78.4833, 0.3111, 0.4738
Android (android.graphics.Color)	4287823496 (0xFF92FE88)
YUV	208.2560, -35.6222, -54.5985
Hunter-Lab	88.5908, -51.2053, 38.1718

Details

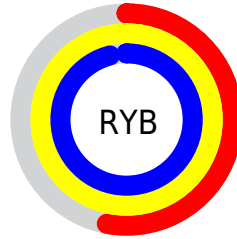
The CIELCh color **91, 70.996, 138.902** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 71.284, 324.380**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 37.593, 137.424**, and **71, 70.985, 138.892** is the 20% darker color. If you saturate the color by 10%, you get **90, 84.706, 137.985**, and if you desaturate by 10%, it is **92, 56.290, 139.771**.

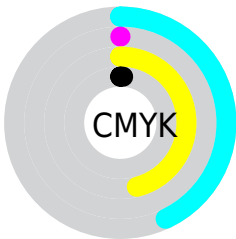
Distribution



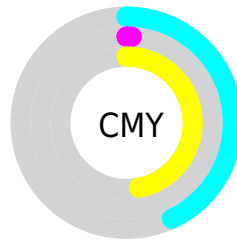
- Red (57%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (46%)
- Black (1%)





- Cyan (43%)
- Magenta (1%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 70.996, 138.902 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, 70.996, 138.902 by changing the saturation by 10% instead.


 91, 70.996,
138.902


 91, 70.996,
138.902


 100, 70.996,
138.902


 81, 70.996,
138.902

 71, 70.996,
138.902

 61, 70.996,
138.902


 51, 70.996,
138.902

 41, 70.996,
138.902


 31, 70.996,
138.902


 21, 70.996,


138.902


 11, 70.996,
138.902


 1, 70.996, 138.902


 91, 70.996,
138.902


 91, 70.996,
138.902


 90, 84.706,
137.985


 92, 56.290,
139.771

 89, 96.875,
137.091

 94, 41.011,
140.555

 88, 106.859,
136.335

 96, 25.488,
141.246

 88, 114.012,
135.857

 98, 9.965, 141.855

100, 0.869,

■ 87,117.983,
135.751

324.116

■ 87,118.832,
135.739

Harmonies

Complementary

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



91, 70.996, 138.902



72, 71.284, 324.380

Rectangle

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



91, 70.996, 138.902



91, 70.996, 188.902



91, 70.996, 318.902



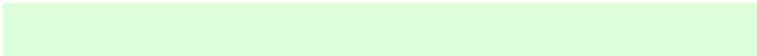
91, 70.996, 8.902

Sweetspot

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



91, 70.997, 138.903



97, 21.724, 141.403



94, 53.254, 100.795



51, 15.012, 141.266



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

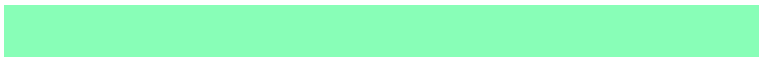
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 70.997, 138.903



90, 84.446, 138.028



91, 54.178, 154.031



52, 8.800, 141.676



68, 96.004, 135.660



23, 43.146, 135.618

Inverse Universe

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



72, 71.284, 324.380



68, 84.546, 324.726



72, 55.616, 342.869



50, 8.827, 322.618



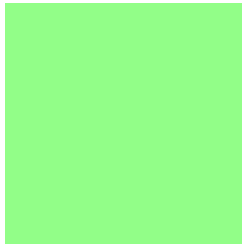
43, 93.574, 324.957



11, 43.012, 325.344

Previews

White Background



This preview shows how the CIE LCh color 91, 70.996, 138.902 looks on a white background.

Color Contrast Check

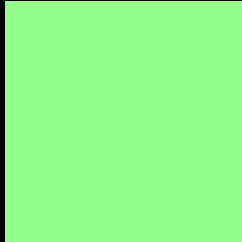
Large Text (above 18pt) WCAG AA × Fail

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, 70.996, 138.902 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, 70.996, 138.902

Background



This preview shows how black text looks on a background with the CIELCh color 91, 70.996, 138.902.

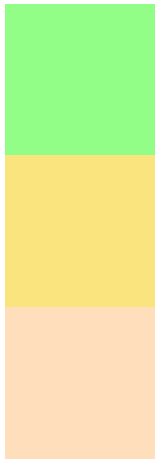


This preview shows how white text looks on a background with the CIELCh color 91, 70.996, 138.902.

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, 71.032, 138.887

Protanopia
90, 52.377, 95.895

Deuteranopia
90, 22.286, 73.599

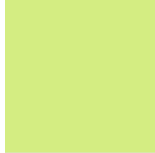


Tritanopia
91, 20.455, 224.051

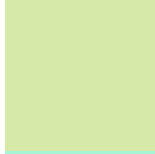
Trichromacy



Original Color
91, 71.032, 138.887



Protanomaly
90, 54.574, 116.398

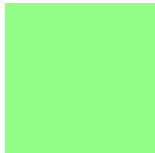


Deuteranomaly
90, 34.021, 119.243

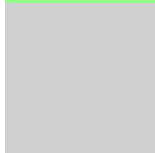


Tritanomaly
91, 31.302, 165.350

Monochromacy



Original Color
91, 71.032, 138.887



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 26.965, 141.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 70.996, 138.902 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(146, 254, 136)` looks like.

```
.text, #text, p{  
    color:rgb(146, 254, 136)  
}
```

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(146, 254, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 254, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 70.996, 138.902 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(146, 254, 136) }
```

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

```
.border{ border-color:rgb(146, 254, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 254, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 254, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 254, 136);  
box-shadow:4px 4px 4px 4px rgb(146, 254,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 70.996, 138.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 254, 136) }
```

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

```
.background{ background-color: rgb(146,  
254, 136) }
```

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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