

Converting Colors

CIELCh(92, 71.755, 139.676)

Have a look what the booklet for
CIELCh(92, 71.755, 139.676)
contains.

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Color

CIELCh(91, 70.550, 139.704)

Conversions

Conversions Part 1

Format	Color
Hex	90FE8A
RGB	144, 254, 138
RGB Percent	56%, 100%, 54%
CMY	0.4361, 0.0048, 0.4593
CMYK	0.43, 0.00, 0.46, 0.00
HSL	117°, 98%, 77%
HSV	117°, 46%, 100%
XYZ	51.4142, 78.4833, 36.4384
YIQ	207.8860, -28.3240, -59.3960

Conversions

Conversions Part 2

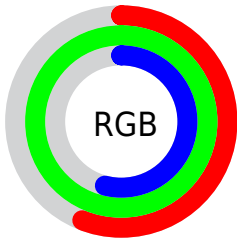
Format	Color
RYB	138, 254, 248
Decimal	9502346
CIELab	91.00, -53.81, 45.63
CIELCh	91, 70.550, 139.704
Yxy	78.4833, 0.3091, 0.4718
Android (android.graphics.Color)	4287692426 (0xFF90FE8A)
YUV	207.8860, -34.4538, -56.0280
Hunter-Lab	88.5908, -51.4403, 37.6269

Details

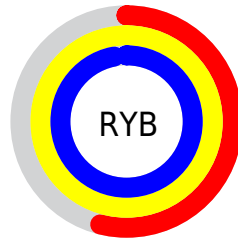
The CIELCh color **91, 70.550, 139.704** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 70.604, 325.343**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 36.900, 138.646**, and **71, 70.534, 139.641** is the 20% darker color. If you saturate the color by 10%, you get **90, 84.424, 138.713**, and if you desaturate by 10%, it is **92, 55.665, 140.627**.

Distribution



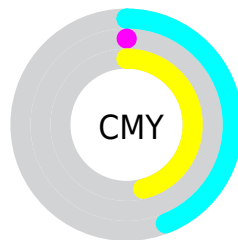
- Red (56%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (97%)



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



- Cyan (44%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 70.550, 139.704 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, 70.550, 139.704 by changing the saturation by 10% instead.

■ 91, 70.550,
139.704

■ 91, 70.550,
139.704

■ 100, 70.550,
139.704

■ 81, 70.550,
139.704

■ 71, 70.550,
139.704

■ 61, 70.550,
139.704


■ 51, 70.550,
139.704

■ 41, 70.550,
139.704


■ 31, 70.550,
139.704


■ 21, 70.550,


139.704


 11, 70.550,
139.704


 1, 70.550, 139.704


 91, 70.550,
139.704


 91, 70.550,
139.704


 90, 84.424,
138.713


 92, 55.665,
140.627

 89, 96.736,
137.719

 94, 40.201,
141.450

 88, 106.845,
136.834

 96, 24.497,
142.169

 88, 114.103,
136.203

 98, 8.806, 142.802

100, 0.766,

■ 87,118.139,
135.935

324.064

■ 87,119.106,
135.872

Harmonies

Complementary

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



91, 70.550, 139.704



73, 70.604, 325.343

Rectangle

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



91, 70.550, 139.704



91, 70.550, 189.704



91, 70.550, 319.704



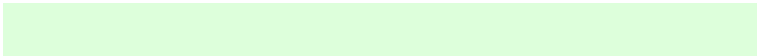
91, 70.550, 9.704

Sweetspot

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



91, 70.551, 139.704



97, 21.958, 142.279



95, 53.964, 102.624



51, 15.173, 142.136



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

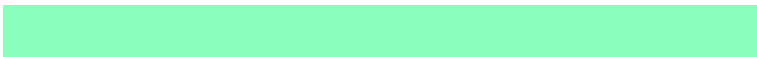
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 70.551, 139.704



90, 83.861, 138.779



92, 51.875, 155.645



52, 8.894, 142.565



68, 96.206, 135.814



23, 43.408, 136.073

Inverse Universe

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



73, 70.604, 325.343



69, 83.643, 325.711



72, 53.652, 344.586



50, 8.915, 323.547



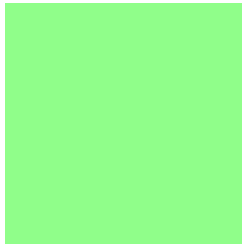
44, 93.334, 326.230



12, 42.921, 326.468

Previews

White Background



This preview shows how the CIE LCh color 91, 70.550, 139.704 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, 70.550, 139.704 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

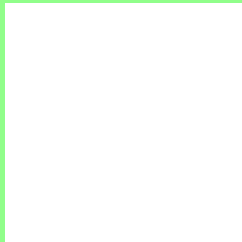
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 70.550, 139.704

Background



This preview shows how black text looks on a background with the CIELCh color 91, 70.550, 139.704.

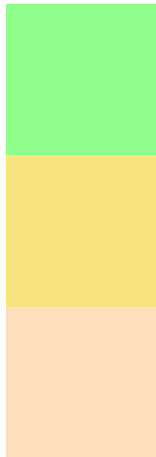


This preview shows how white text looks on a background with the CIELCh color 91, 70.550, 139.704.

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



Original Color

91, 70.586, 139.688

Protanopia

90, 51.440, 95.807

Deuteranopia

90, 21.853, 72.900

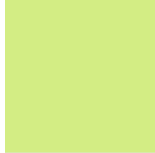


Tritanopia
91, 20.714, 223.693

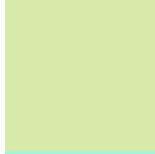
Trichromacy



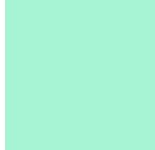
Original Color
91, 70.586, 139.688



Protanomaly
90, 53.732, 117.046



Deuteranomaly
90, 33.591, 120.081

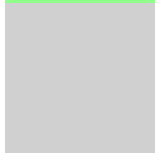


Tritanomaly
91, 31.561, 165.618

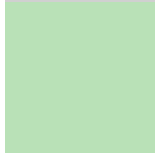
Monochromacy



Original Color
91, 70.586, 139.688



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 26.525, 142.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 70.550, 139.704 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(144, 254, 138)` looks like.

```
.text, #text, p{  
    color:rgb(144, 254, 138)  
}
```

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(144, 254, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 254, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 70.550, 139.704 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(144, 254, 138) }
```

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

```
.border{ border-color:rgb(144, 254, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 254, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 254, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 254, 138);  
box-shadow:4px 4px 4px 4px rgb(144, 254,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 70.550, 139.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 254, 138) }
```

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

```
.background{ background-color: rgb(144,  
254, 138) }
```

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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