

Converting Colors

CIELCh(91, 75.307, 139.166)

Have a look what the booklet for
CIELCh(91, 75.307, 139.166)
contains.

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Color

CIELCh(91, 75.349, 139.101)

Conversions

Conversions Part 1

Format	Color
Hex	8AFF82
RGB	138, 255, 130
RGB Percent	54%, 100%, 51%
CMY	0.4591, 0.0003, 0.4904
CMYK	0.46, 0.00, 0.49, 0.00
HSL	116°, 100%, 75%
HSV	116°, 49%, 100%
XYZ	50.2330, 78.4833, 33.5981
YIQ	205.7670, -29.6070, -63.6790

Conversions

Conversions Part 2

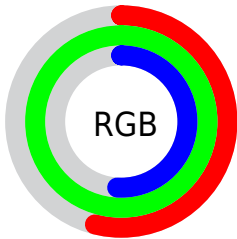
Format	Color
RYB	130, 255, 247
Decimal	9109378
CIELab	91.00, -56.95, 49.33
CIELCh	91, 75.349, 139.101
Yxy	78.4833, 0.3095, 0.4835
Android (android.graphics.Color)	4287299458 (0xFF8AFF82)
YUV	205.7670, -37.3531, -59.4317
Hunter-Lab	88.5908, -53.8204, 39.5278

Details

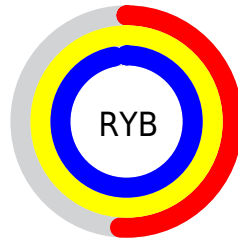
The CIELCh color **91, 75.349, 139.101** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 75.439, 325.089**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 41.523, 138.165**, and **71, 75.288, 139.152** is the 20% darker color. If you saturate the color by 10%, you get **90, 88.800, 138.132**, and if you desaturate by 10%, it is **92, 60.734, 140.026**.

Distribution



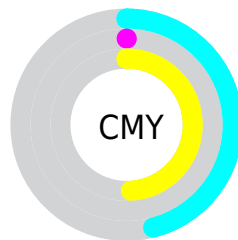
- Red (54%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (97%)



- Cyan (46%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (46%)
- Magenta (0%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 75.349, 139.101 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, 75.349, 139.101 by changing the saturation by 10% instead.


 91, 75.349,
139.101


 91, 75.349,
139.101


 100, 75.349,
139.101


 81, 75.349,
139.101

 71, 75.349,
139.101

 61, 75.349,
139.101

 51, 75.349,
139.101

 41, 75.349,
139.101

 31, 75.349,
139.101

 21, 75.349,

139.101

■ 11, 75.349,
139.101

■ 1, 75.349, 139.101

■ 91, 75.349,
139.101

■ 91, 75.349,
139.101

■ 90, 88.800,
138.132

■ 92, 60.734,
140.026

■ 89, 100.503,
137.200

■ 94, 45.420,
140.864

■ 88, 109.793,
136.432

■ 96, 29.770,
141.602

■ 88, 116.068,
135.967

■ 98, 14.060,
142.247

■ 88, 119.229,
135.842

100, 0.050,
318.295

■ 88, 119.443,
135.826

Harmonies

Complementary

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



91, 75.349, 139.101



72, 75.439, 325.089

Rectangle

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



91, 75.349, 139.101



91, 75.349, 189.101



91, 75.349, 319.101



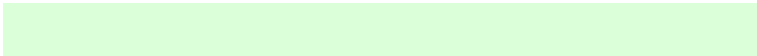
91, 75.349, 9.101

Sweetspot

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



91, 75.350, 139.102



97, 23.438, 141.872



96, 57.889, 102.285



51, 16.003, 141.733



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, 75.350, 139.102



90, 88.780, 138.135



92, 55.593, 155.187



52, 8.857, 142.218



68, 96.134, 135.759



23, 43.304, 135.894

Inverse Universe

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



72, 75.439, 325.089



67, 88.520, 325.442



70, 57.511, 345.017



50, 8.880, 323.183



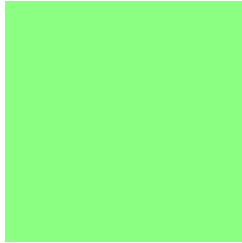
43, 93.422, 325.726



11, 42.954, 326.024

Previews

White Background



This preview shows how the CIE LCh color 91, 75.349, 139.101 looks on a white background.

Color Contrast Check

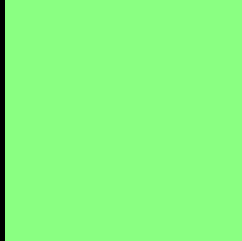
Large Text (above 18pt) WCAG AA × Fail

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, 75.349, 139.101 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

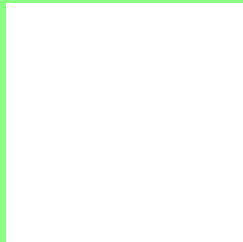
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 75.349, 139.101

Background



This preview shows how black text looks on a background with the CIELCh color 91, 75.349, 139.101.

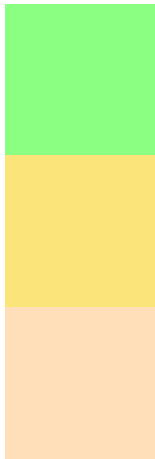


This preview shows how white text looks on a background with the CIELCh color 91, 75.349, 139.101.

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, 75.349, 139.101

Protanopia
90, 54.781, 95.659

Deuteranopia
90, 22.723, 74.269



Tritanopia
91, 21.334, 221.305

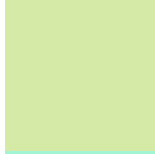
Trichromacy



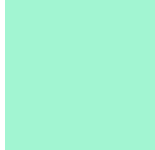
Original Color
91, 75.349, 139.101



Protanomaly
90, 57.977, 116.763



Deuteranomaly
90, 35.828, 121.046

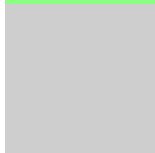


Tritanomaly
91, 33.774, 164.717

Monochromacy



Original Color
91, 75.349, 139.101



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 28.922, 141.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 75.349, 139.101 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(138, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(138, 255, 130)  
}
```

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(138, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 255, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 75.349, 139.101 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(138, 255, 130) }
```

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

```
.border{ border-color:rgb(138, 255, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 255, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(138, 255,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 75.349, 139.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 255, 130) }
```

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

```
.background{ background-color: rgb(138,  
255, 130) }
```

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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