

Converting Colors

CIELCh(91, 78.128, 139.809)

Have a look what the booklet for
CIELCh(91, 78.128, 139.809)
contains.

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Color

CIELCh(91, 77.711, 139.660)

Conversions

Conversions Part 1

Format	Color
Hex	84FF80
RGB	132, 255, 128
RGB Percent	52%, 100%, 50%
CMY	0.4830, 0.0000, 0.4990
CMYK	0.48, 0.00, 0.50, 0.00
HSL	118°, 100%, 75%
HSV	118°, 50%, 100%
XYZ	49.3882, 78.4833, 32.8792
YIQ	203.7450, -32.5410, -65.5730

Conversions

Conversions Part 2

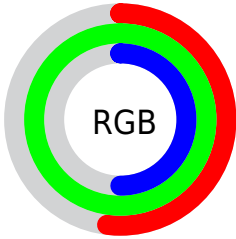
Format	Color
RYB	128, 255, 251
Decimal	8716160
CIELab	91.00, -59.23, 50.30
CIELCh	91, 77.711, 139.660
Yxy	78.4833, 0.3072, 0.4882
Android (android.graphics.Color)	4286906240 (0xFF84FF80)
YUV	203.7450, -37.3423, -62.9204
Hunter-Lab	88.5908, -55.5225, 40.0090

Details

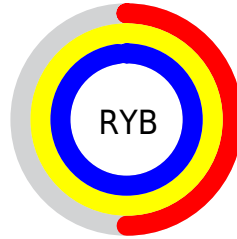
The CIELCh color **91, 77.711, 139.660** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **72, 77.088, 326.090**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 43.338, 139.363**, and **71, 76.999, 139.666** is the 20% darker color. If you saturate the color by 10%, you get **90, 90.627, 138.620**, and if you desaturate by 10%, it is **92, 62.663, 140.671**.

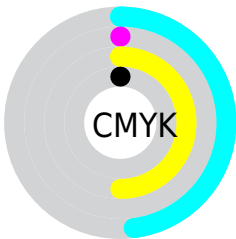
Distribution



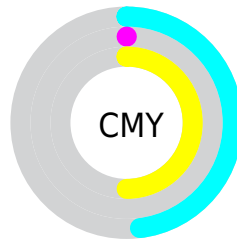
- Red (52%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (98%)



- Cyan (48%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 77.711, 139.660 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, 77.711, 139.660 by changing the saturation by 10% instead.

 91, 77.711,
139.660

 91, 77.711,
139.660

 100, 77.711,
139.660

 81, 77.711,
139.660

 71, 77.711,
139.660

 61, 77.711,
139.660

 51, 77.711,
139.660

 41, 77.711,
139.660


 31, 77.711,
139.660


 21, 77.711,


139.660


 11, 77.711,
139.660


 1, 77.711, 139.660


 91, 77.711,
139.660


 91, 77.711,
139.660


 90, 90.627,
138.620


 92, 62.663,
140.671


 89, 102.098,
137.595

 94, 47.263,
141.570

 88, 111.027,
136.731

 96, 31.474,
142.356

 88, 116.847,
136.171

 98, 15.592,
143.038

■ 88, 119.612,
135.930

100, 0.012,
296.813

■ 88, 119.632,
135.927

Harmonies

Complementary

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



91, 77.711, 139.660



72, 77.088, 326.090

Rectangle

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



91, 77.711, 139.660



91, 77.711, 189.660



91, 77.711, 319.660



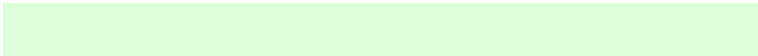
91, 77.711, 9.660

Sweetspot

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



91, 77.282, 139.674



97, 23.683, 142.702



97, 60.572, 103.855



51, 16.171, 142.556



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, 77.282, 139.674



90, 90.748, 138.610



92, 54.935, 156.647



52, 8.949, 143.064



68, 96.305, 135.889



22, 43.561, 136.334

Inverse Universe

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



72, 77.088, 326.090



67, 90.065, 326.467



70, 57.369, 347.068



50, 8.967, 324.070



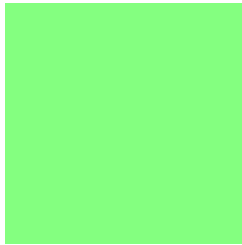
44, 93.224, 326.967



12, 42.878, 327.118

Previews

White Background



This preview shows how the CIE LCh color 91, 77.711, 139.660 looks on a white background.

Color Contrast Check

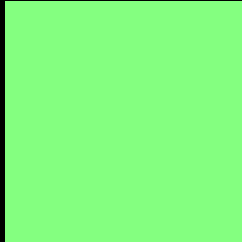
Large Text (above 18pt) WCAG AA × Fail

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, 77.711, 139.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

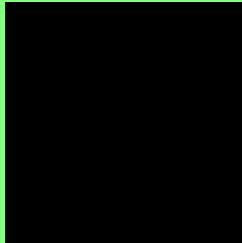
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

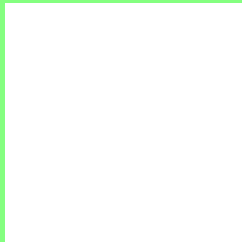
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 77.711, 139.660

Background



This preview shows how black text looks on a background with the CIELCh color 91, 77.711, 139.660.

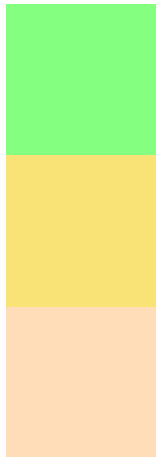


This preview shows how white text looks on a background with the CIELCh color 91, 77.711, 139.660.

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, 77.155, 139.696

Protanopia
90, 55.731, 95.709

Deuteranopia
90, 23.414, 74.104

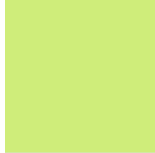


Tritanopia
90, 22.258, 221.741

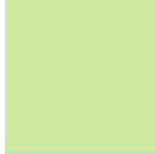
Trichromacy



Original Color
91, 77.155, 139.696



Protanomaly
90, 58.628, 117.387



Deuteranomaly
89, 36.440, 121.404

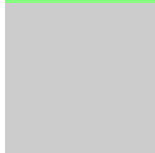


Tritanomaly
90, 34.797, 165.656

Monochromacy



Original Color
91, 77.155, 139.696



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 29.797, 142.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 77.711, 139.660 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(132, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 128)  
}
```

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(132, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 77.711, 139.660 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(132, 255, 128) }
```

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

```
.border{ border-color:rgb(132, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 77.711, 139.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 128) }
```

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

```
.background{ background-color: rgb(132,  
255, 128) }
```

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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