

Converting Colors

CIELCh(90, 79.454, 140.186)

Have a look what the booklet for
CIELCh(90, 79.454, 140.186)
contains.

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Color

CIELCh(90, 79.508, 140.163)

Conversions

Conversions Part 1

Format	Color
Hex	7CFE7C
RGB	124, 254, 124
RGB Percent	49%, 100%, 49%
CMY	0.5155, 0.0056, 0.5153
CMYK	0.51, 0.00, 0.51, 0.01
HSL	120°, 98%, 74%
HSV	120°, 51%, 99%
XYZ	47.1632, 76.3034, 31.1793
YIQ	200.3100, -35.7500, -67.9900

Conversions

Conversions Part 2

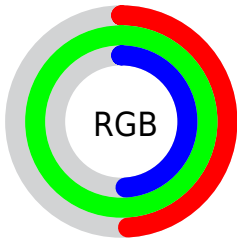
Format	Color
RYB	124, 254, 254
Decimal	8191612
CIELab	90.00, -61.05, 50.93
CIElCh	90, 79.508, 140.163
Yxy	76.3034, 0.3050, 0.4934
Android (android.graphics.Color)	4286381692 (0xFF7CFE7C)
YUV	200.3100, -37.6208, -66.9239
Hunter-Lab	87.3518, -56.4895, 39.9833

Details

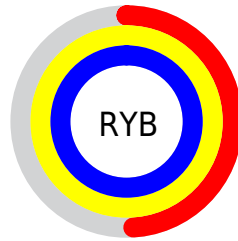
The CIELCh color **90, 79.508, 140.163** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **71, 79.015, 327.130**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 46.603, 140.757**, and **70, 79.323, 140.162** is the 20% darker color. If you saturate the color by 10%, you get **89, 92.572, 139.016**, and if you desaturate by 10%, it is **91, 65.036, 141.245**.

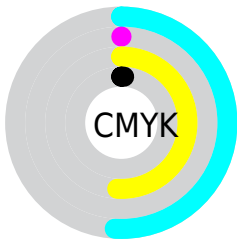
Distribution



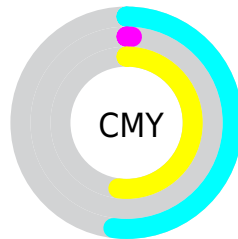
- Red (49%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (51%)
- Black (1%)





- Cyan (52%)
- Magenta (1%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 79.508, 140.163 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 90, 79.508, 140.163 by changing the saturation by 10% instead.


 90, 79.508,
140.163


 90, 79.508,
140.163


 100, 79.508,
140.163


 80, 79.508,
140.163

 70, 79.508,
140.163

 60, 79.508,
140.163


 50, 79.508,
140.163

 40, 79.508,
140.163


 30, 79.508,
140.163


 20, 79.508,


140.163


 10, 79.508,
140.163


 0, 79.508, 140.163


 90, 79.508,
140.163


 90, 79.508,
140.163


 89, 92.572,
139.016


 91, 65.036,
141.245

 88, 103.610,
137.894

 93, 49.673,
142.215

 88, 111.967,
136.938

 95, 33.843,
143.060

 87, 117.137,
136.295

 97, 17.870,
143.789

■ 87, 119.261,
136.018

■ 99, 1.999, 144.537
100, 0.898,
324.129

Harmonies

Complementary

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



90, 79.508, 140.163



71, 79.015, 327.130

Rectangle

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



90, 79.508, 140.163



90, 79.508, 190.163



90, 79.508, 320.163



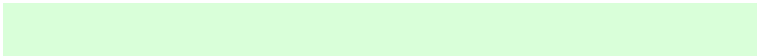
90, 79.508, 10.163

Sweetspot

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



90, 79.509, 140.163



97, 23.926, 143.530



97, 63.592, 105.290



51, 16.337, 143.377



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 79.509, 140.163



89, 93.869, 138.930



91, 54.456, 158.120



52, 9.041, 143.908



68, 96.467, 136.019



22, 43.816, 136.785

Inverse Universe

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



71, 79.015, 327.130



67, 92.701, 327.553



69, 57.516, 349.298



50, 9.054, 324.959



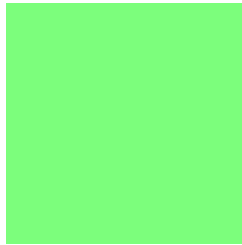
45, 93.050, 328.250



12, 42.809, 328.248

Previews

White Background



This preview shows how the CIE LCh color 90, 79.508, 140.163 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 90, 79.508, 140.163 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

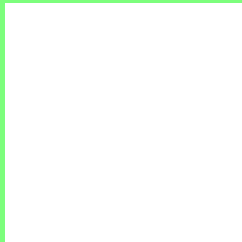
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 79.508, 140.163

Background



This preview shows how black text looks on a background with the CIELCh color 90, 79.508, 140.163.

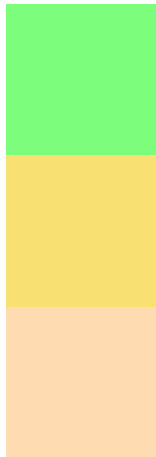


This preview shows how white text looks on a background with the CIELCh color 90, 79.508, 140.163.

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


90, 79.508, 140.163

Protanopia

89, 56.703, 95.729

Deuteranopia

89, 26.130, 75.489

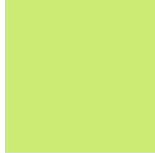


Tritanopia
90, 24.780, 219.089

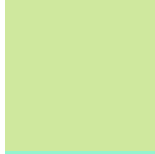
Trichromacy



Original Color
90, 79.508, 140.163



Protanomaly
89, 60.203, 117.747



Deuteranomaly
89, 39.094, 121.456

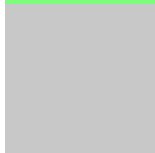


Tritanomaly
90, 37.642, 166.230

Monochromacy



Original Color
90, 79.508, 140.163



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 30.319, 143.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 79.508, 140.163 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(124, 254, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 254, 124)  
}
```

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(124, 254, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 254, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 79.508, 140.163 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(124, 254, 124) }
```

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

```
.border{ border-color:rgb(124, 254, 124) }
```

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

Here you see how a box with a 4 pixel rgb(124, 254, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 254, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 254, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 254,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 79.508, 140.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 254, 124) }
```

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

```
.background{ background-color: rgb(124,  
254, 124) }
```

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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