

Converting Colors

CIELCh(90, 73.222, 148.293)

Have a look what the booklet for
CIELCh(90, 73.222, 148.293)
contains.

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Color

CIELCh(90, 73.580, 148.095)

Conversions

Conversions Part 1

Format	Color
Hex	68FF95
RGB	104, 255, 149
RGB Percent	41%, 100%, 58%
CMY	0.5941, 0.0017, 0.4173
CMYK	0.59, 0.00, 0.42, 0.00
HSL	138°, 99%, 70%
HSV	138°, 59%, 100%
XYZ	46.6602, 76.3034, 40.5310
YIQ	197.7670, -55.9700, -64.9780

Conversions

Conversions Part 2

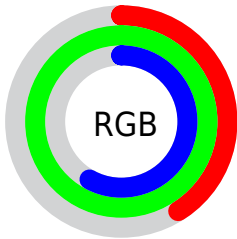
Format	Color
RYB	104, 220, 255
Decimal	6881173
CIELab	90.00, -62.46, 38.89
CIELCh	90, 73.580, 148.095
Yxy	76.3034, 0.2854, 0.4667
Android (android.graphics.Color)	4285071253 (0xFF68FF95)
YUV	197.7670, -24.0421, -82.2337
Hunter-Lab	87.3518, -57.5173, 33.6359

Details

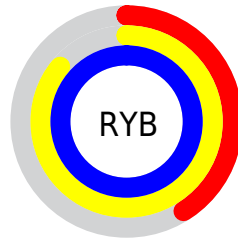
The CIELCh color **90, 73.580, 148.095** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **66, 73.432, 339.107**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 40.527, 156.681**, and **70, 73.399, 148.195** is the 20% darker color. If you saturate the color by 10%, you get **89, 83.815, 146.482**, and if you desaturate by 10%, it is **91, 62.325, 149.518**.

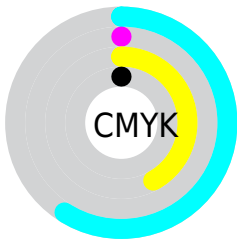
Distribution



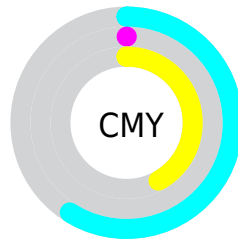
- Red (41%)
- Green (100%)
- Blue (58%)



- Red (41%)
- Yellow (86%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (59%)
- Magenta (0%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 73.580, 148.095 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, 73.580, 148.095 by changing the saturation by 10% instead.


 90, 73.580,
148.095


 90, 73.580,
148.095


 100, 73.580,
148.095


 80, 73.580,
148.095

 70, 73.580,
148.095

 60, 73.580,
148.095


 50, 73.580,
148.095

 40, 73.580,
148.095


 30, 73.580,
148.095


 20, 73.580,

148.095


 10, 73.580,
148.095


 0, 73.580, 148.095


 90, 73.580,
148.095


 90, 73.580,
148.095


 89, 83.815,
146.482


 91, 62.325,
149.518


 89, 92.817,
144.690

 92, 50.296,
150.758

 88, 100.439,
142.761

 94, 37.746,
151.835

 88, 106.656,
140.808

 96, 24.910,
152.770

■ 88, 107.031,
140.689

■ 98, 11.989,
153.597

100, 0.287,
323.371

Harmonies

Complementary

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



90, 73.580, 148.095



66, 73.432, 339.107

Rectangle

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



90, 73.580, 148.095



90, 73.580, 198.095



90, 73.580, 328.095



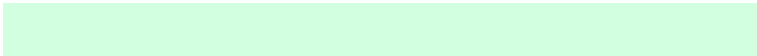
90, 73.580, 18.095

Sweetspot

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



90, 73.581, 148.095



96, 23.215, 152.886



94, 74.657, 117.888



51, 16.137, 152.631



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

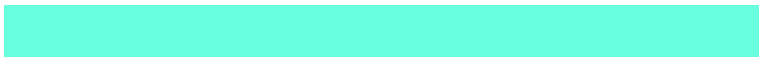
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 73.581, 148.095



89, 85.521, 146.195



91, 47.947, 175.624



52, 7.311, 153.583



68, 85.607, 141.048



23, 36.894, 143.928

Inverse Universe

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



66, 73.432, 339.107



62, 83.423, 340.449



64, 61.331, 11.430



50, 7.348, 334.847



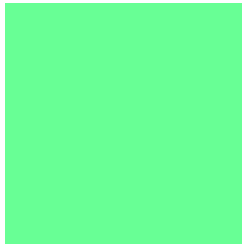
43, 74.388, 344.825



11, 35.047, 342.260

Previews

White Background



This preview shows how the CIE LCh color 90, 73.580, 148.095 looks on a white background.

Color Contrast Check

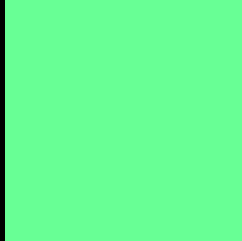
Large Text (above 18pt) WCAG AA × Fail

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, 73.580, 148.095 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, 73.580, 148.095

Background



This preview shows how black text looks on a background with the CIELCh color 90, 73.580, 148.095.

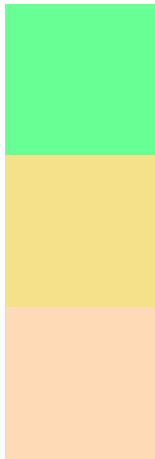


This preview shows how white text looks on a background with the CIELCh color 90, 73.580, 148.095.

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, 73.580, 148.095

Protanopia
89, 45.657, 96.081

Deuteranopia
89, 23.776, 71.108



Tritanopia
90, 26.644, 216.232

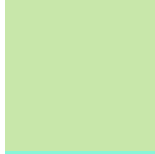
Trichromacy



Original Color
90, 73.580, 148.095



Protanomaly
89, 50.873, 125.054



Deuteranomaly
88, 33.597, 128.134

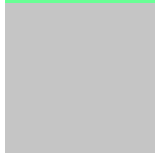


Tritanomaly
90, 38.351, 173.693

Monochromacy



Original Color
90, 73.580, 148.095



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 28.821, 151.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 73.580, 148.095 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(104, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(104, 255, 149)  
}
```

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(104, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 255, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 73.580, 148.095 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(104, 255, 149) }
```

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

```
.border{ border-color:rgb(104, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 255, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 255, 149);  
box-shadow:4px 4px 4px 4px rgb(104, 255,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 73.580, 148.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 255, 149) }
```

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

```
.background{ background-color: rgb(104,  
255, 149) }
```

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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