

Converting Colors

CIELCh(90, 73.449, 146.303)

Have a look what the booklet for
CIELCh(90, 73.449, 146.303)
contains.

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Color

CIELCh(90, 73.501, 146.391)

Conversions

Conversions Part 1

Format	Color
Hex	6FFE91
RGB	111, 254, 145
RGB Percent	44%, 100%, 57%
CMY	0.5647, 0.0039, 0.4314
CMYK	0.56, 0.00, 0.43, 0.00
HSL	134°, 99%, 72%
HSV	134°, 56%, 100%
XYZ	47.1052, 76.3034, 39.0315
YIQ	198.8170, -50.2390, -64.2150

Conversions

Conversions Part 2

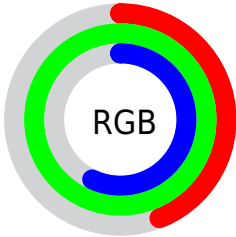
Format	Color
RYB	111, 227, 254
Decimal	7339665
CIELab	90.00, -61.21, 40.68
CIELCh	90, 73.501, 146.391
Yxy	76.3034, 0.2900, 0.4697
Android (android.graphics.Color)	4285529745 (0xFF6FFE91)
YUV	198.8170, -26.5318, -77.0155
Hunter-Lab	87.3518, -56.6080, 34.6536

Details

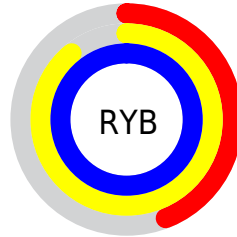
The CIELCh color **90, 73.501, 146.391** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **68, 73.088, 335.984**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 40.637, 153.044**, and **70, 73.290, 146.497** is the 20% darker color. If you saturate the color by 10%, you get **89, 84.534, 144.888**, and if you desaturate by 10%, it is **91, 61.444, 147.719**.

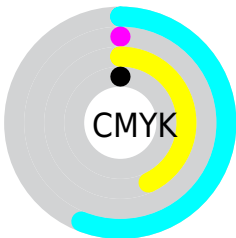
Distribution



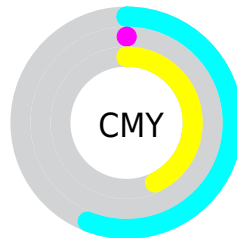
- Red (44%)
- Green (100%)
- Blue (57%)



- Red (44%)
- Yellow (89%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 73.501, 146.391 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, 73.501, 146.391 by changing the saturation by 10% instead.


 90, 73.501,
146.391


 90, 73.501,
146.391


 100, 73.501,
146.391


 80, 73.501,
146.391

 70, 73.501,
146.391

 60, 73.501,
146.391


 50, 73.501,
146.391

 40, 73.501,
146.391


 30, 73.501,
146.391


 20, 73.501,

146.391


 10, 73.501,
146.391


 0, 73.501, 146.391


 90, 73.501,
146.391


 90, 73.501,
146.391


 89, 84.534,
144.888


 91, 61.444,
147.719


 88, 94.266,
143.226

 93, 48.648,
148.875

 88, 102.465,
141.457

 94, 35.391,
149.876

 88, 108.966,
139.675

 96, 21.917,
150.743

■ 88, 110.975,
139.072

■ 98, 8.427, 151.514
100, 0.631,
323.973

Harmonies

Complementary

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



90, 73.501, 146.391



68, 73.088, 335.984

Rectangle

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



90, 73.501, 146.391



90, 73.501, 196.391



90, 73.501, 326.391



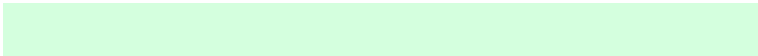
90, 73.501, 16.391

Sweetspot

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



90, 73.502, 146.391



96, 22.934, 150.686



95, 70.565, 115.808



51, 15.347, 150.519



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, 73.502, 146.391



89, 86.558, 144.614



91, 48.024, 172.056



52, 7.645, 151.272



68, 88.991, 139.385



23, 38.509, 142.027

Inverse Universe

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



68, 73.088, 335.984



63, 84.420, 337.036



65, 58.263, 6.763



50, 7.674, 332.472



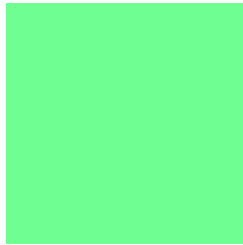
43, 77.515, 340.584



11, 36.408, 338.753

Previews

White Background



This preview shows how the CIE LCh color 90, 73.501, 146.391 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, 73.501, 146.391 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, 73.501, 146.391

Background



This preview shows how black text looks on a background with the CIELCh color 90, 73.501, 146.391.

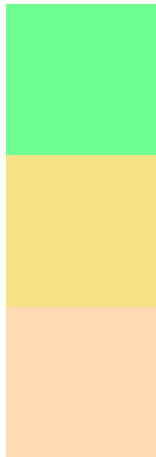


This preview shows how white text looks on a background with the CIELCh color 90, 73.501, 146.391.

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
89, 73.501, 146.391

Protanopia
89, 47.181, 95.755

Deuteranopia
89, 24.203, 71.775



Tritanopia
90, 26.009, 217.983

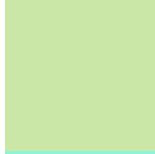
Trichromacy



Original Color
90, 73.501, 146.391



Protanomaly
89, 51.870, 123.316



Deuteranomaly
88, 34.156, 125.782

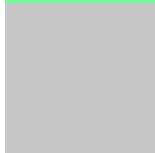


Tritanomaly
89, 37.184, 172.984

Monochromacy



Original Color
90, 73.501, 146.391



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 28.484, 149.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 73.501, 146.391 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(111, 254, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 254, 145)  
}
```

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(111, 254, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 254, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 73.501, 146.391 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(111, 254, 145) }
```

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

```
.border{ border-color:rgb(111, 254, 145) }
```

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

Here you see how a box with a 4 pixel rgb(111, 254, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 254, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 254, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 254,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 73.501, 146.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 254, 145) }
```

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

```
.background{ background-color: rgb(111,  
254, 145) }
```

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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