

Converting Colors

CIELCh(90, 68.462, 150.959)

Have a look what the booklet for
CIELCh(90, 68.462, 150.959)
contains.

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Color

CIELCh(90, 68.672, 150.964)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 69FEA0 |
| RGB | 105, 254, 160 |
| RGB Percent | 41%, 100%, 63% |
| CMY | 0.5889, 0.0046, 0.3731 |
| CMYK | 0.59, 0.00, 0.37, 0.00 |
| HSL | 142°, 98%, 70% |
| HSV | 142°, 59%, 100% |
| XYZ | 47.5254, 76.3034, 45.4116 |
| YIQ | 198.7330, -58.6300, -60.8220 |

Conversions

Conversions Part 2

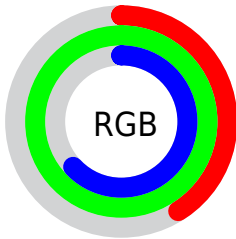
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 105, 214, 254 |
| Decimal | 6946464 |
| CIELab | 90.00, -60.04, 33.33 |
| CIELCh | 90, 68.672, 150.964 |
| Yxy | 76.3034, 0.2808, 0.4509 |
| Android (android.graphics.Color) | 4285136544 (0xFF69FEA0) |
| YUV | 198.7330, -19.0954, -82.2038 |
| Hunter-Lab | 87.3518, -55.7493, 30.3232 |

Details

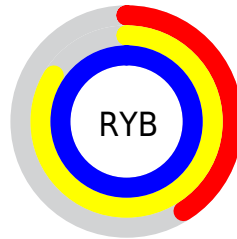
The CIELCh color **90, 68.672, 150.964** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **66, 69.532, 342.719**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 36.447, 162.757**, and **70, 68.755, 150.833** is the 20% darker color. If you saturate the color by 10%, you get **89, 78.351, 149.313**, and if you desaturate by 10%, it is **91, 58.061, 152.414**.

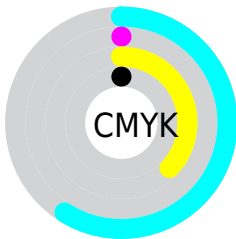
Distribution



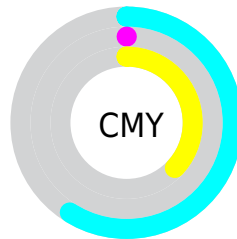
- Red (41%)
- Green (100%)
- Blue (63%)



- Red (41%)
- Yellow (84%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (59%)
- Magenta (0%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 68.672, 150.964 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, 68.672, 150.964 by changing the saturation by 10% instead.


 90, 68.672,
150.964


 90, 68.672,
150.964


 100, 68.672,
150.964

 80, 68.672,
150.964

 70, 68.672,
150.964

 60, 68.672,
150.964


 50, 68.672,
150.964

 40, 68.672,
150.964


 30, 68.672,
150.964

 20, 68.672,


150.964


 10, 68.672,
150.964


 0, 68.672, 150.964


 90, 68.672,
150.964

 90, 68.672,
150.964

 89, 78.351,
149.313


 91, 58.061,
152.414


 89, 86.925,
147.459

 92, 46.727,
153.680

 88, 94.299,
145.425

 94, 34.898,
154.784

 88, 100.497,
143.292

 96, 22.787,
155.751

■ 88, 101.242,
143.028

■ 98, 10.579,
156.616

100, 0.730,
324.043

Harmonies

Complementary

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



90, 68.672, 150.964



66, 69.532, 342.719

Rectangle

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



90, 68.672, 150.964



90, 68.672, 200.964



90, 68.672, 330.964



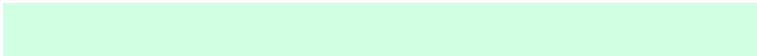
90, 68.672, 20.964

Sweetspot

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



90, 68.673, 150.964



96, 22.008, 155.815



93, 75.164, 121.396



51, 15.292, 155.548



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, 68.673, 150.964



89, 79.817, 149.081



92, 44.397, 183.139



52, 6.937, 156.549



68, 81.109, 143.421



23, 34.884, 146.493

Inverse Universe

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



66, 69.532, 342.719



62, 79.255, 344.338



64, 61.188, 17.647



50, 6.987, 337.896



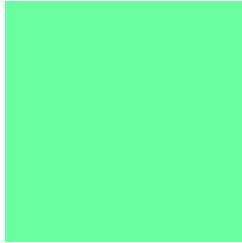
42, 71.398, 350.378



11, 33.667, 346.821

Previews

White Background



This preview shows how the CIELCh color 90, 68.672, 150.964 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, 68.672, 150.964 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, 68.672, 150.964

Background



This preview shows how black text looks on a background with the CIELCh color 90, 68.672, 150.964.

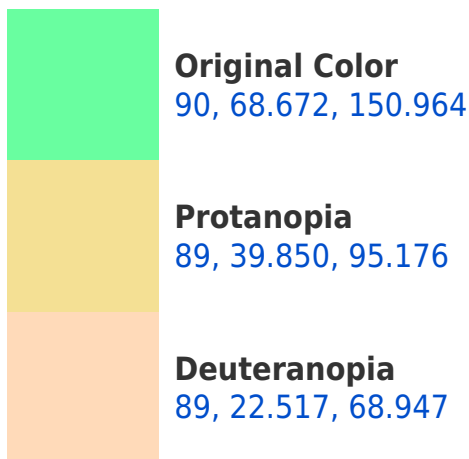


This preview shows how white text looks on a background with the CIELCh color 90, 68.672, 150.964.

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



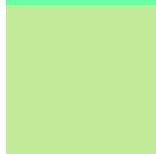


Tritanopia
90, 26.644, 216.232

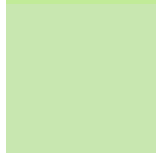
Trichromacy



Original Color
90, 68.672, 150.964



Protanomaly
88, 45.373, 127.620

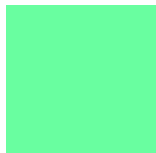


Deuteranomaly
88, 30.747, 130.190



Tritanomaly
89, 36.579, 176.983

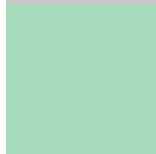
Monochromacy



Original Color
90, 68.672, 150.964



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 26.609, 155.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 68.672, 150.964 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(105, 254, 160)` looks like.

```
.text, #text, p{  
    color:rgb(105, 254, 160)  
}
```

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(105, 254, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 254, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 68.672, 150.964 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(105, 254, 160) }
```

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

```
.border{ border-color:rgb(105, 254, 160) }
```

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

Here you see how a box with a 4 pixel rgb(105, 254, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 254, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 254, 160);  
box-shadow:4px 4px 4px 4px rgb(105, 254,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 68.672, 150.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 254, 160) }
```

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

```
.background{ background-color: rgb(105,  
254, 160) }
```

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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