

Converting Colors

CIELCh(90, 68.957, 153.323)

Have a look what the booklet for
CIELCh(90, 68.957, 153.323)
contains.

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Color

CIElCh(90, 69.349, 153.099)

Conversions

Conversions Part 1

Format	Color
Hex	5EFFA4
RGB	94, 255, 164
RGB Percent	37%, 100%, 64%
CMY	0.6331, 0.0015, 0.3582
CMYK	0.63, 0.00, 0.36, 0.00
HSL	146°, 100%, 68%
HSV	146°, 63%, 100%
XYZ	46.8803, 76.3034, 47.2161
YIQ	196.4870, -66.7450, -62.4330

Conversions

Conversions Part 2

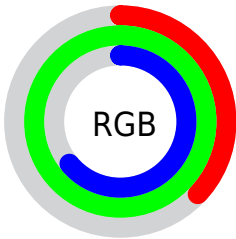
Format	Color
RYB	94, 206, 255
Decimal	6225828
CIELab	90.00, -61.84, 31.38
CIELCh	90, 69.349, 153.099
Yxy	76.3034, 0.2751, 0.4478
Android (android.graphics.Color)	4284415908 (0xFF5EFA4)
YUV	196.4870, -16.0161, -89.8811
Hunter-Lab	87.3518, -57.0675, 29.0984

Details

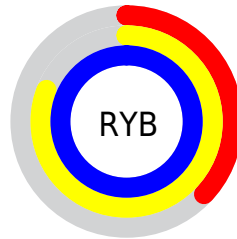
The CIELCh color **90, 69.349, 153.099** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **64, 71.175, 347.241**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 37.067, 167.932**, and **70, 68.635, 152.458** is the 20% darker color. If you saturate the color by 10%, you get **89, 77.971, 151.318**, and if you desaturate by 10%, it is **91, 59.757, 154.670**.

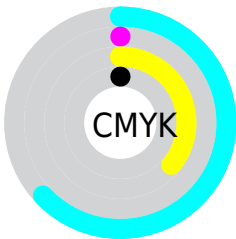
Distribution



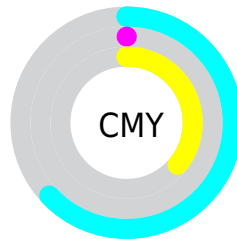
- Red (37%)
- Green (100%)
- Blue (64%)



- Red (37%)
- Yellow (81%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 69.349, 153.099 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, 69.349, 153.099 by changing the saturation by 10% instead.


 90, 69.349,
153.099


 90, 69.349,
153.099


 100, 69.349,
153.099


 80, 69.349,
153.099

 70, 69.349,
153.099

 60, 69.349,
153.099


 50, 69.349,
153.099

 40, 69.349,
153.099


 30, 69.349,
153.099


 20, 69.349,


153.099


 10, 69.349,
153.099


 0, 69.349, 153.099


 90, 69.349,
153.099


 90, 69.349,
153.099

 89, 77.971,
151.318


 91, 59.757,
154.670


 89, 85.512,
149.325

 92, 49.363,
156.047

 88, 91.956,
147.147

 94, 38.370,
157.254

 88, 95.784,
145.641

 95, 26.985,
158.317

■ 97, 15.396,
159.264

■ 99, 3.764, 160.187

100, 0.242,
323.170

Harmonies

Complementary

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



90, 69.349, 153.099



64, 71.175, 347.241

Rectangle

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



90, 69.349, 153.099



90, 69.349, 203.099



90, 69.349, 333.099



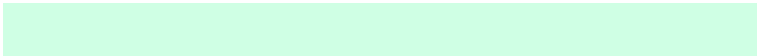
90, 69.349, 23.099

Sweetspot

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



90, 69.350, 153.099



96, 22.095, 158.732



93, 81.663, 123.915



51, 15.198, 158.455



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, 69.350, 153.099



89, 80.245, 150.790



92, 44.606, 189.428



52, 6.607, 159.598



68, 76.538, 146.059



23, 32.931, 149.240

Inverse Universe

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



64, 71.175, 347.241



59, 80.225, 349.716



62, 67.667, 23.957



50, 6.671, 341.030



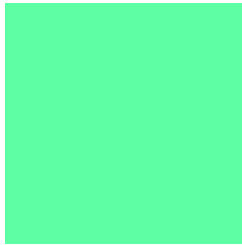
42, 69.384, 356.089



11, 32.626, 351.515

Previews

White Background



This preview shows how the CIE LCh color 90, 69.349, 153.099 looks on a white background.

Color Contrast Check

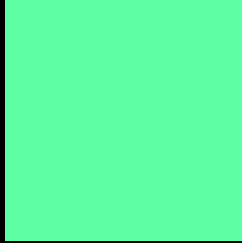
Large Text (above 18pt) WCAG AA × Fail

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, 69.349, 153.099 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

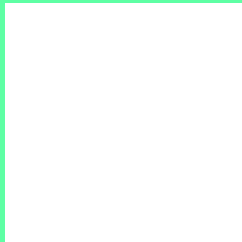
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 69.349, 153.099

Background



This preview shows how black text looks on a background with the CIELCh color 90, 69.349, 153.099.

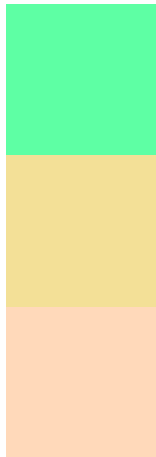


This preview shows how white text looks on a background with the CIELCh color 90, 69.349, 153.099.

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, 69.349, 153.099

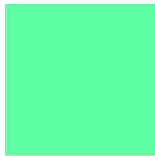
Protanopia
89, 38.288, 95.481

Deuteranopia
89, 21.993, 66.593



Tritanopia
90, 27.368, 215.690

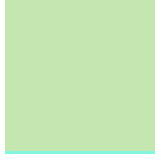
Trichromacy



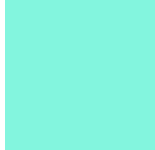
Original Color
90, 69.349, 153.099



Protanomaly
88, 44.127, 130.335



Deuteranomaly
88, 30.439, 133.426

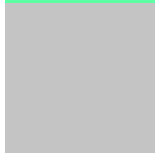


Tritanomaly
90, 37.954, 178.486

Monochromacy



Original Color
90, 69.349, 153.099



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 27.295, 157.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 69.349, 153.099 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(94, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 164)  
}
```

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(94, 255, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 69.349, 153.099 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(94, 255, 164) }
```

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

```
.border{ border-color:rgb(94, 255, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 164);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 69.349, 153.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 164) }
```

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

```
.background{ background-color: rgb(94, 255,  
164) }
```

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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