

Converting Colors

CIELCh(90, 71.048, 152.286)

Have a look what the booklet for
CIELCh(90, 71.048, 152.286)
contains.

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Color

CIELCh(90, 71.151, 152.172)

Conversions

Conversions Part 1

Format	Color
Hex	5CFFA0
RGB	92, 255, 160
RGB Percent	36%, 100%, 63%
CMY	0.6394, 0.0001, 0.3727
CMYK	0.64, 0.00, 0.37, 0.00
HSL	145°, 100%, 68%
HSV	145°, 64%, 100%
XYZ	46.4976, 76.3034, 45.5174
YIQ	195.4330, -66.6530, -64.1010

Conversions

Conversions Part 2

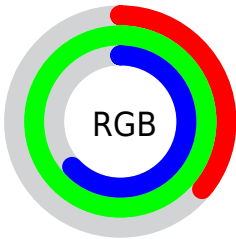
Format	Color
RYB	92, 207, 255
Decimal	6094752
CIELab	90.00, -62.92, 33.21
CIELCh	90, 71.151, 152.172
Yxy	76.3034, 0.2762, 0.4533
Android (android.graphics.Color)	4284284832 (0xFF5CFFA0)
YUV	195.4330, -17.4685, -90.7107
Hunter-Lab	87.3518, -57.8495, 30.2514

Details

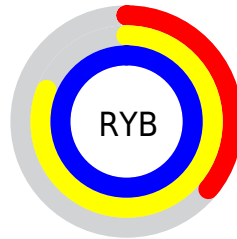
The CIELCh color **90, 71.151, 152.172** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **64, 72.515, 346.249**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 38.873, 164.951**, and **70, 70.196, 151.309** is the 20% darker color. If you saturate the color by 10%, you get **89, 79.878, 150.384**, and if you desaturate by 10%, it is **91, 61.431, 153.750**.

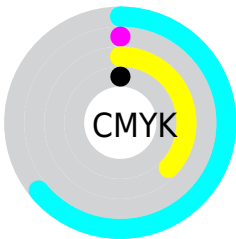
Distribution



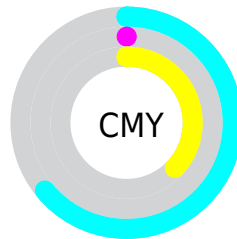
- Red (36%)
- Green (100%)
- Blue (63%)



- Red (36%)
- Yellow (81%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 71.151, 152.172 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, 71.151, 152.172 by changing the saturation by 10% instead.


 90, 71.151,
152.172


 90, 71.151,
152.172


 100, 71.151,
152.172


 80, 71.151,
152.172

 70, 71.151,
152.172

 60, 71.151,
152.172


 50, 71.151,
152.172

 40, 71.151,
152.172


 30, 71.151,
152.172


 20, 71.151,

152.172


 10, 71.151,
152.172


 0, 71.151, 152.172


 90, 71.151,
152.172


 90, 71.151,
152.172


 89, 79.878,
150.384


 91, 61.431,
153.750

 89, 87.499,
148.389

 92, 50.892,
155.132

 88, 93.997,
146.219

 94, 39.739,
156.341

 88, 97.482,
144.882

 95, 28.185,
157.404

■ 97, 16.423,
158.346

■ 99, 4.617, 159.243

100, 0.034,
315.160

Harmonies

Complementary

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



90, 71.151, 152.172



64, 72.515, 346.249

Rectangle

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



90, 71.151, 152.172



90, 71.151, 202.172



90, 71.151, 332.172



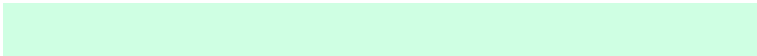
90, 71.151, 22.172

Sweetspot

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



90, 71.152, 152.172



96, 22.400, 157.882



93, 82.114, 123.267



51, 15.410, 157.608



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, 71.152, 152.172



89, 82.345, 149.794



92, 45.442, 187.618



52, 6.695, 158.737



68, 77.815, 145.296



23, 33.470, 148.454

Inverse Universe

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



64, 72.515, 346.249



59, 81.468, 348.696



62, 68.076, 22.965



50, 6.755, 340.145



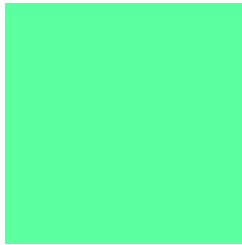
42, 69.853, 354.483



11, 32.884, 350.193

Previews

White Background



This preview shows how the CIE LCh color 90, 71.151, 152.172 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, 71.151, 152.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

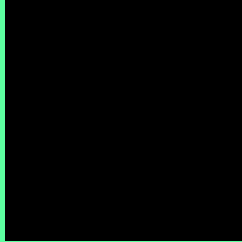
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 71.151, 152.172

Background



This preview shows how black text looks on a background with the CIELCh color 90, 71.151, 152.172.

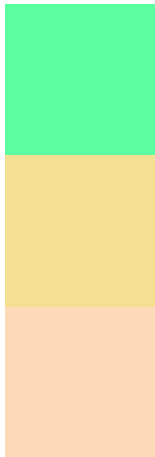


This preview shows how white text looks on a background with the CIELCh color 90, 71.151, 152.172.

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, 71.151, 152.172

Protanopia

89, 40.340, 95.265

Deuteranopia

89, 22.517, 68.947



Tritanopia
90, 27.368, 215.690

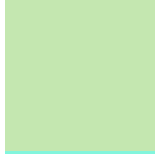
Trichromacy



Original Color
90, 71.151, 152.172



Protanomaly
88, 45.963, 129.301



Deuteranomaly
88, 31.370, 132.611

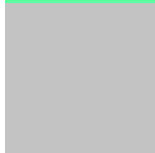


Tritanomaly
89, 38.676, 177.164

Monochromacy



Original Color
90, 71.151, 152.172



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 28.290, 156.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 71.151, 152.172 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(92, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 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(92, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 71.151, 152.172 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(92, 255, 160) }
```

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

```
.border{ border-color:rgb(92, 255, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 71.151, 152.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 160) }
```

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

```
.background{ background-color: rgb(92, 255,  
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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