

Converting Colors

CIELCh(90, 61.889, 159.414)

Have a look what the booklet for
CIELCh(90, 61.889, 159.414)
contains.

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Color

CIELCh(90, 61.950, 159.399)

Conversions

Conversions Part 1

Format	Color
Hex	5CFEB7
RGB	92, 254, 183
RGB Percent	36%, 100%, 72%
CMY	0.6373, 0.0056, 0.2840
CMYK	0.64, 0.00, 0.28, 0.01
HSL	154°, 98%, 68%
HSV	154°, 64%, 99%
XYZ	48.2666, 76.3034, 56.7587
YIQ	197.4680, -73.7610, -56.4250

Conversions

Conversions Part 2

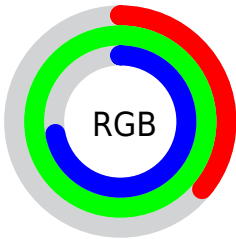
Format	Color
RYB	92, 196, 254
Decimal	6094519
CIELab	90.00, -57.99, 21.80
CIElCh	90, 61.950, 159.399
Yxy	76.3034, 0.2662, 0.4208
Android (android.graphics.Color)	4284284599 (0xFF5CFEB7)
YUV	197.4680, -7.1327, -92.4954
Hunter-Lab	87.3518, -54.2347, 22.6213

Details

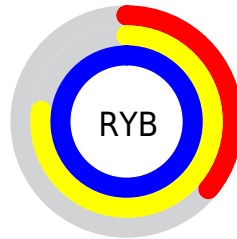
The CIELCh color **90, 61.950, 159.399** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **63, 67.320, 355.599**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 32.451, 182.573**, and **70, 60.762, 158.961** is the 20% darker color. If you saturate the color by 10%, you get **89, 69.276, 157.596**, and if you desaturate by 10%, it is **91, 53.684, 160.995**.

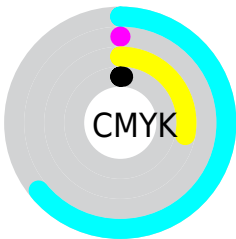
Distribution



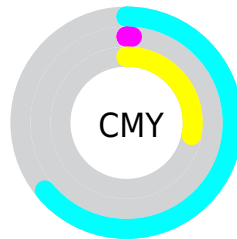
- Red (36%)
- Green (100%)
- Blue (72%)



- Red (36%)
- Yellow (77%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)





- Cyan (64%)
- Magenta (1%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 61.950, 159.399 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, 61.950, 159.399 by changing the saturation by 10% instead.


 90, 61.950,
159.399


 90, 61.950,
159.399


 100, 61.950,
159.399


 80, 61.950,
159.399

 70, 61.950,
159.399

 60, 61.950,
159.399


 50, 61.950,
159.399

 40, 61.950,
159.399


 30, 61.950,
159.399


 20, 61.950,


159.399


 10, 61.950,
159.399


 0, 61.950, 159.399

 90, 61.950,
159.399


 90, 61.950,
159.399

 89, 69.276,
157.596


 91, 53.684,
160.995


 89, 75.594,
155.575

 92, 44.610,
162.406

 88, 80.932,
153.346

 93, 34.900,
163.660

 88, 83.987,
151.847

 95, 24.737,
164.783

■ 97, 14.295,
165.802

■ 99, 3.726, 166.815

100, 0.903,
324.131

Harmonies

Complementary

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



90, 61.950, 159.399



63, 67.320, 355.599

Rectangle

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



90, 61.950, 159.399



90, 61.950, 209.399



90, 61.950, 339.399



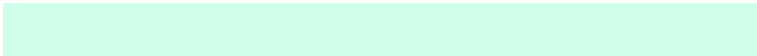
90, 61.950, 29.399

Sweetspot

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



90, 61.951, 159.398



96, 20.127, 165.254



91, 84.399, 128.054



51, 13.829, 164.958



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, 61.951, 159.398



90, 71.254, 157.112



89, 40.692, 202.902



52, 6.040, 166.194



68, 67.373, 152.275



23, 29.166, 155.505

Inverse Universe

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



63, 67.320, 355.599



59, 76.595, 358.944



62, 67.608, 31.235



50, 6.140, 347.778



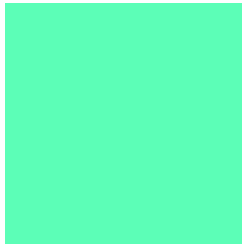
41, 68.016, 7.853



10, 31.438, 1.367

Previews

White Background



This preview shows how the CIE LCh color 90, 61.950, 159.399 looks on a white background.

Color Contrast Check

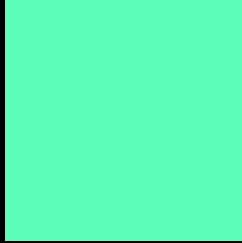
Large Text (above 18pt) WCAG AA × Fail

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, 61.950, 159.399 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, 61.950, 159.399

Background



This preview shows how black text looks on a background with the CIELCh color 90, 61.950, 159.399.

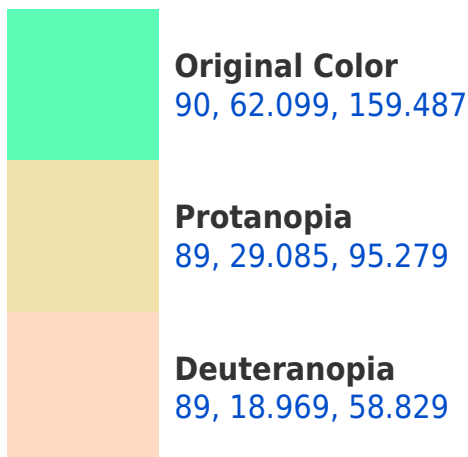


This preview shows how white text looks on a background with the CIELCh color 90, 61.950, 159.399.

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, 27.607, 215.517

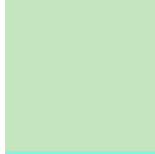
Trichromacy



Original Color
90, 62.099, 159.487



Protanomaly
88, 36.461, 137.561



Deuteranomaly
88, 24.333, 139.392



Tritanomaly
89, 36.188, 184.525

Monochromacy



Original Color
90, 62.099, 159.487



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 25.106, 164.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 61.950, 159.399 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, 254, 183)` looks like.

```
.text, #text, p{  
    color:rgb(92, 254, 183)  
}
```

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, 254, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 254, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 61.950, 159.399 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, 254, 183) }
```

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

```
.border{ border-color:rgb(92, 254, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 254, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 254, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 254, 183);  
box-shadow:4px 4px 4px 4px rgb(92, 254,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 61.950, 159.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 254, 183) }
```

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

```
.background{ background-color: rgb(92, 254,  
183) }
```

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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