

Converting Colors

CIELCh(91, 62.508, 156.957)

Have a look what the booklet for
CIELCh(91, 62.508, 156.957)
contains.

CIELCh(91, 61.992, 157.180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 61.992, 157.180)

Conversions

Conversions Part 1

Format	Color
Hex	68FFB5
RGB	104, 255, 181
RGB Percent	41%, 100%, 71%
CMY	0.5915, 0.0000, 0.2903
CMYK	0.59, 0.00, 0.29, 0.00
HSL	151°, 100%, 70%
HSV	151°, 59%, 100%
XYZ	50.1636, 78.4833, 56.2092
YIQ	201.4150, -66.2420, -55.0260

Conversions

Conversions Part 2

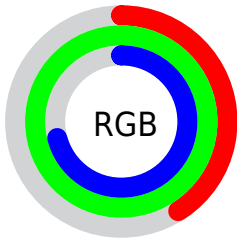
Format	Color
RYB	104, 204, 255
Decimal	6881205
CIELab	91.00, -57.14, 24.04
CIELCh	91, 61.992, 157.180
Yxy	78.4833, 0.2714, 0.4246
Android (android.graphics.Color)	4285071285 (0xFF68FFB5)
YUV	201.4150, -10.0646, -85.4330
Hunter-Lab	88.5908, -53.9601, 24.3952

Details

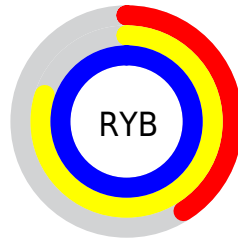
The CIELCh color **91, 61.992, 157.180** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **65, 65.148, 351.248**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.524, 179.737**, and **71, 61.273, 157.528** is the 20% darker color. If you saturate the color by 10%, you get **90, 69.747, 155.681**, and if you desaturate by 10%, it is **92, 52.244, 158.903**.

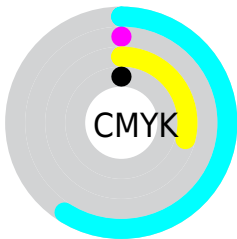
Distribution



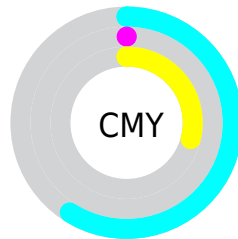
- Red (41%)
- Green (100%)
- Blue (71%)



- Red (41%)
- Yellow (80%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (59%)
- Magenta (0%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 61.992, 157.180 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 91, 61.992, 157.180 by changing the saturation by 10% instead.


 91, 61.992,
157.180


 91, 61.992,
157.180


 100, 61.992,
157.180


 81, 61.992,
157.180


 71, 61.992,
157.180

 61, 61.992,
157.180


 51, 61.992,
157.180

 41, 61.992,
157.180


 31, 61.992,
157.180


 21, 61.992,


157.180


 11, 61.992,
157.180


 1, 61.992, 157.180


 91, 61.992,
157.180


 91, 61.992,
157.180


 90, 69.747,
155.681

 92, 52.244,
158.903


 89, 77.047,
153.751

 93, 42.321,
160.234

 89, 83.312,
151.608

 94, 31.862,
161.412

 89, 88.657,
149.312

 96, 21.056,
162.463

■ 89, 89.090,
149.121

■ 98, 10.074,
163.424

100, 0.012,
296.813

Harmonies

Complementary

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



91, 61.992, 157.180



65, 65.148, 351.248

Rectangle

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



91, 61.992, 157.180



91, 61.992, 207.180



91, 61.992, 337.180



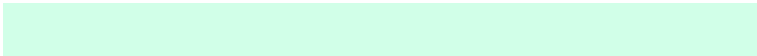
91, 61.992, 27.180

Sweetspot

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



91, 61.442, 157.393



96, 19.798, 162.578



93, 78.627, 126.439



51, 13.743, 162.286



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 61.442, 157.393



90, 71.175, 155.341



92, 41.381, 196.891



52, 6.259, 163.391



68, 71.124, 149.554



23, 30.689, 152.789

Inverse Universe

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



65, 65.148, 351.248



61, 74.667, 353.784



64, 64.727, 27.446



50, 6.343, 344.917



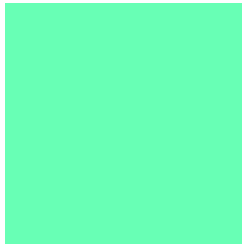
41, 68.158, 2.999



10, 31.784, 357.256

Previews

White Background



This preview shows how the CIE LCh color 91, 61.992, 157.180 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 91, 61.992, 157.180 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 91, 61.992, 157.180

Background



This preview shows how black text looks on a background with the CIELCh color 91, 61.992, 157.180.

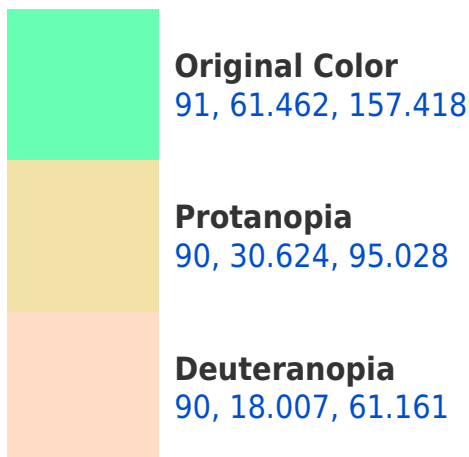


This preview shows how white text looks on a background with the CIELCh color 91, 61.992, 157.180.

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, 25.070, 216.221

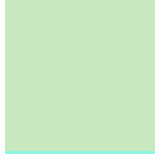
Trichromacy



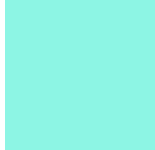
Original Color
91, 61.462, 157.418



Protanomaly
89, 36.862, 134.067



Deuteranomaly
89, 24.986, 137.515

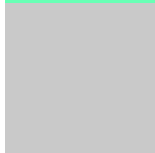


Tritanomaly
90, 34.230, 182.152

Monochromacy



Original Color
91, 61.462, 157.418



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 24.302, 161.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 61.992, 157.180 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(104, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(104, 255, 181)  
}
```

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(104, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 255, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 61.992, 157.180 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(104, 255, 181) }
```

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

```
.border{ border-color:rgb(104, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(104, 255,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 61.992, 157.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 255, 181) }
```

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

```
.background{ background-color: rgb(104,  
255, 181) }
```

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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