

Converting Colors

CIELCh(91, 62.484, 156.878)

Have a look what the booklet for
CIELCh(91, 62.484, 156.878)
contains.

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Color

CIELCh(91, 61.828, 157.074)

Conversions

Conversions Part 1

Format	Color
Hex	69FFB5
RGB	105, 255, 181
RGB Percent	41%, 100%, 71%
CMY	0.5879, 0.0000, 0.2906
CMYK	0.59, 0.00, 0.29, 0.00
HSL	150°, 100%, 71%
HSV	150°, 59%, 100%
XYZ	50.2365, 78.4833, 56.1653
YIQ	201.7140, -65.6460, -54.8140

Conversions

Conversions Part 2

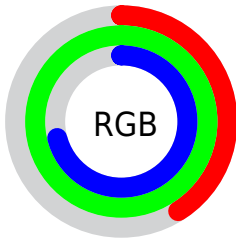
Format	Color
RYB	105, 205, 255
Decimal	6946741
CIELab	91.00, -56.94, 24.08
CIElCh	91, 61.828, 157.074
Yxy	78.4833, 0.2717, 0.4245
Android (android.graphics.Color)	4285136821 (0xFF69FFB5)
YUV	201.7140, -10.2120, -84.8182
Hunter-Lab	88.5908, -53.8133, 24.4245

Details

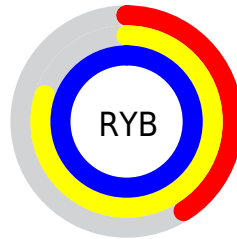
The CIELCh color **91, 61.828, 157.074** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **65, 64.926, 350.953**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.259, 179.595**, and **71, 61.111, 157.428** is the 20% darker color. If you saturate the color by 10%, you get **90, 69.694, 155.566**, and if you desaturate by 10%, it is **92, 52.056, 158.773**.

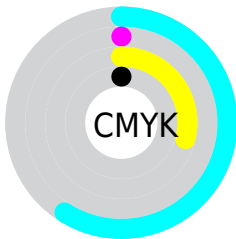
Distribution



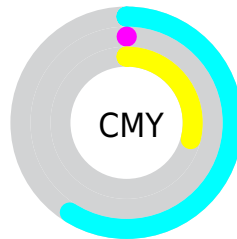
- Red (41%)
- Green (100%)
- Blue (71%)



- 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, 61.828, 157.074 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, 61.828, 157.074 by changing the saturation by 10% instead.


 91, 61.828,
157.074


 91, 61.828,
157.074


 100, 61.828,
157.074


 81, 61.828,
157.074


 71, 61.828,
157.074

 61, 61.828,
157.074


 51, 61.828,
157.074

 41, 61.828,
157.074


 31, 61.828,
157.074


 21, 61.828,


157.074


 11, 61.828,
157.074

 1, 61.828, 157.074


 91, 61.828,
157.074


 91, 61.828,
157.074


 90, 69.694,
155.566


 92, 52.056,
158.773


 89, 77.066,
153.644

 93, 42.076,
160.096

 89, 83.399,
151.509

 95, 31.567,
161.268

 89, 88.796,
149.215

 96, 20.720,
162.314

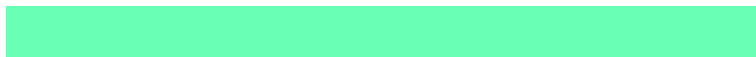
■ 88, 89.416,
148.944

■ 98, 9.704, 163.270
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, 61.828, 157.074



65, 64.926, 350.953

Rectangle

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



91, 61.828, 157.074



91, 61.828, 207.074



91, 61.828, 337.074



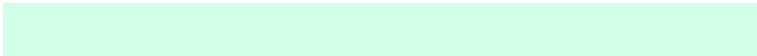
91, 61.828, 27.074

Sweetspot

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



91, 61.319, 157.270



96, 19.850, 162.392



93, 78.212, 126.448



51, 13.779, 162.102



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, 61.319, 157.270



90, 71.409, 155.161



92, 41.226, 196.901



52, 6.275, 163.203



68, 71.382, 149.377



23, 30.795, 152.610

Inverse Universe

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



65, 64.926, 350.953



61, 74.768, 353.534



64, 64.289, 27.350



50, 6.358, 344.725



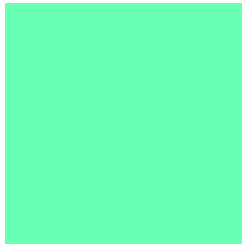
41, 68.189, 2.666



10, 31.815, 356.977

Previews

White Background



This preview shows how the CIE LCh color 91, 61.828, 157.074 looks on a white background.

Color Contrast Check

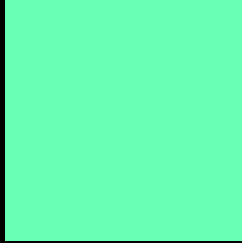
Large Text (above 18pt) WCAG AA × Fail

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, 61.828, 157.074 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

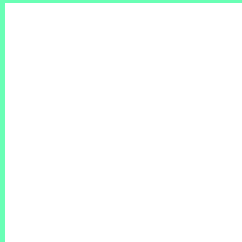
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 61.828, 157.074

Background



This preview shows how black text looks on a background with the CIELCh color 91, 61.828, 157.074.

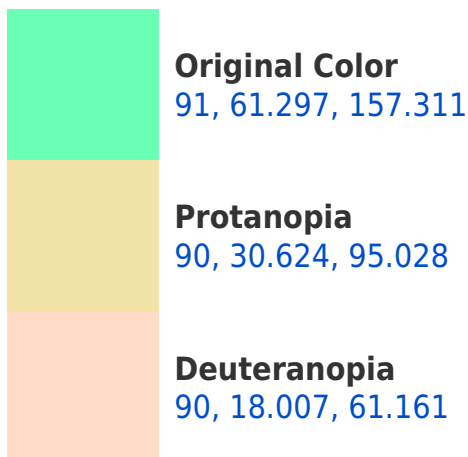


This preview shows how white text looks on a background with the CIELCh color 91, 61.828, 157.074.

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, 24.817, 216.427

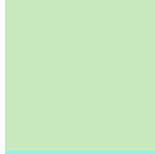
Trichromacy



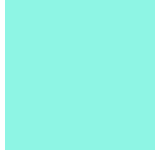
Original Color
91, 61.297, 157.311



Protanomaly
89, 36.862, 134.067



Deuteranomaly
89, 24.986, 137.515

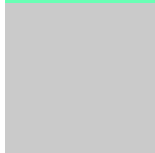


Tritanomaly
90, 33.985, 182.059

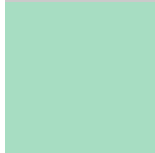
Monochromacy



Original Color
91, 61.297, 157.311



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 24.034, 161.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 61.828, 157.074 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, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(105, 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(105, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 255, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 61.828, 157.074 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, 255, 181) }
```

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

```
.border{ border-color:rgb(105, 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(105, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(105, 255,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 61.828, 157.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 255, 181) }
```

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

```
.background{ background-color: rgb(105,  
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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