

Converting Colors

CIELCh(91, 57.115, 162.489)

Have a look what the booklet for
CIELCh(91, 57.115, 162.489)
contains.

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Color

CIELCh(91, 57.151, 162.448)

Conversions

Conversions Part 1

Format	Color
Hex	66FFC2
RGB	102, 255, 194
RGB Percent	40%, 100%, 76%
CMY	0.5986, 0.0000, 0.2380
CMYK	0.60, 0.00, 0.24, 0.00
HSL	156°, 100%, 70%
HSV	156°, 60%, 100%
XYZ	51.1569, 78.4833, 63.6723
YIQ	202.2990, -71.6070, -51.4070

Conversions

Conversions Part 2

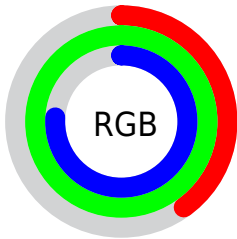
Format	Color
RYB	102, 198, 255
Decimal	6750146
CIELab	91.00, -54.49, 17.24
CIELCh	91, 57.151, 162.448
Yxy	78.4833, 0.2646, 0.4060
Android (android.graphics.Color)	4284940226 (0xFF66FFC2)
YUV	202.2990, -4.0914, -87.9622
Hunter-Lab	88.5908, -51.9588, 19.4005

Details

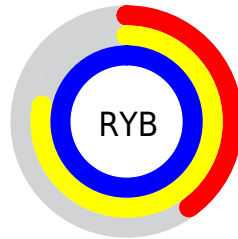
The CIELCh color **91, 57.151, 162.448** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **65, 63.471, 357.848**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.460, 193.468**, and **71, 57.106, 162.405** is the 20% darker color. If you saturate the color by 10%, you get **90, 64.246, 160.824**, and if you desaturate by 10%, it is **92, 48.810, 164.054**.

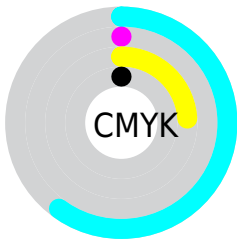
Distribution



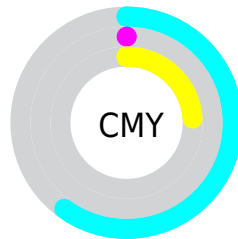
- Red (40%)
- Green (100%)
- Blue (76%)



- Red (40%)
- Yellow (78%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 57.151, 162.448 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, 57.151, 162.448 by changing the saturation by 10% instead.

 91, 57.151,
162.448


 91, 57.151,
162.448

 100, 57.151,
162.448

 81, 57.151,
162.448

 71, 57.151,
162.448

 61, 57.151,
162.448


 51, 57.151,
162.448

 41, 57.151,
162.448


 31, 57.151,
162.448

 21, 57.151,

162.448

 11, 57.151,
162.448


 1, 57.151, 162.448


 91, 57.151,
162.448


 91, 57.151,
162.448


 90, 64.246,
160.824

 92, 48.810,
164.054


 90, 70.512,
158.900

 93, 39.869,
165.405

 89, 75.783,
156.761

 95, 30.332,
166.614

 89, 80.223,
154.464

 96, 20.376,
167.708

■ 89, 80.285,
154.432

■ 98, 10.166,
168.720

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, 57.151, 162.448



65, 63.471, 357.848

Rectangle

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



91, 57.151, 162.448



91, 57.151, 212.448



91, 57.151, 342.448



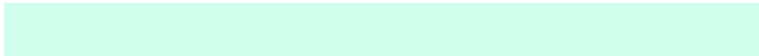
91, 57.151, 32.448

Sweetspot

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



91, 56.983, 162.536



96, 18.495, 167.901



92, 81.762, 129.750



51, 12.825, 167.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

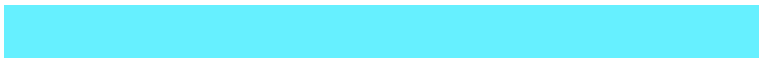
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 56.983, 162.536



90, 65.674, 160.430



88, 37.724, 209.480



52, 5.864, 168.755



68, 64.147, 154.865



23, 27.871, 158.063

Inverse Universe

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



65, 63.471, 357.848



60, 73.297, 1.084



66, 61.341, 33.443



50, 5.980, 350.383



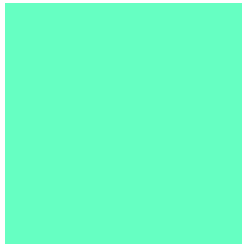
41, 68.356, 12.041



10, 31.297, 4.992

Previews

White Background



This preview shows how the CIE LCh color 91, 57.151, 162.448 looks on a white background.

Color Contrast Check

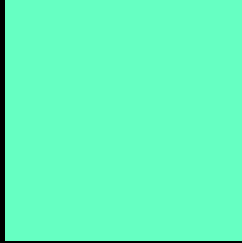
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 57.151, 162.448 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

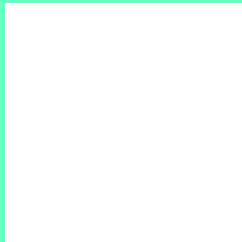
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 57.151, 162.448

Background



This preview shows how black text looks on a background with the CIELCh color 91, 57.151, 162.448.

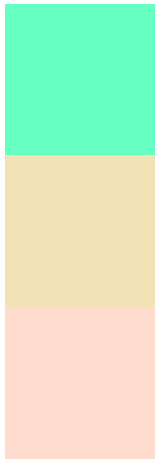


This preview shows how white text looks on a background with the CIELCh color 91, 57.151, 162.448.

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
91, 57.151, 162.448

Protanopia
90, 24.336, 95.330

Deuteranopia
90, 15.385, 50.287



Tritanopia
91, 24.564, 216.637

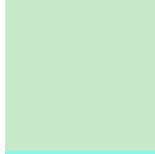
Trichromacy



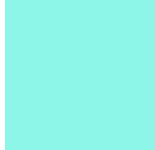
Original Color
91, 57.151, 162.448



Protanomaly
89, 31.397, 140.544



Deuteranomaly
89, 20.781, 145.154

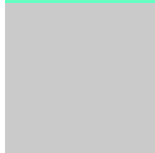


Tritanomaly
90, 33.011, 186.322

Monochromacy



Original Color
91, 57.151, 162.448



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 22.684, 167.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 57.151, 162.448 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(102, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 194)  
}
```

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(102, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 57.151, 162.448 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(102, 255, 194) }
```

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

```
.border{ border-color:rgb(102, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 57.151, 162.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 194) }
```

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

```
.background{ background-color: rgb(102,  
255, 194) }
```

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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