

Converting Colors

CIELCh(97, 66.990, 160.787)

Have a look what the booklet for
CIELCh(97, 66.990, 160.787)
contains.

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Color

CIELCh(91, 56.518, 166.262)

Conversions

Conversions Part 1

Format	Color
Hex	5CFFCA
RGB	92, 255, 202
RGB Percent	36%, 100%, 79%
CMY	0.6398, 0.0000, 0.2092
CMYK	0.64, 0.00, 0.21, 0.00
HSL	160°, 100%, 68%
HSV	160°, 64%, 100%
XYZ	51.0020, 78.4833, 68.1273
YIQ	200.2210, -80.1350, -51.0390

Conversions

Conversions Part 2

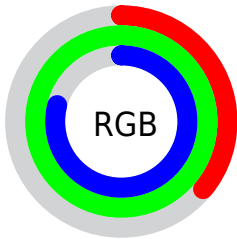
Format	Color
R _Y B	92, 189, 255
Decimal	6094794
CIE Lab	91.00, -54.90, 13.42
CIE LCh	91, 56.518, 166.262
Yxy	78.4833, 0.2581, 0.3972
Android (android.graphics.Color)	4284284874 (0xFF5CFFCA)
YUV	200.2210, 0.8770, -94.9098
Hunter-Lab	88.5908, -52.2709, 16.4189

Details

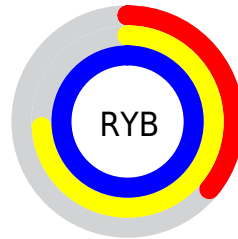
The CIELCh color **91, 56.518, 166.262** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **62, 66.119, 4.209**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.155, 197.561**, and **71, 54.568, 166.094** is the 20% darker color. If you saturate the color by 10%, you get **90, 62.274, 164.745**, and if you desaturate by 10%, it is **92, 49.098, 168.028**.

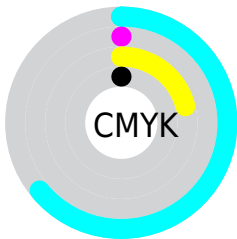
Distribution



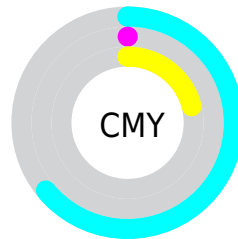
- Red (36%)
- Green (100%)
- Blue (79%)



- Red (36%)
- Yellow (74%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 56.518, 166.262 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, 56.518, 166.262 by changing the saturation by 10% instead.


 91, 56.518,
166.262


 91, 56.518,
166.262


 100, 56.518,
166.262


 81, 56.518,
166.262

 71, 56.518,
166.262

 61, 56.518,
166.262


 51, 56.518,
166.262

 41, 56.518,
166.262


 31, 56.518,
166.262


 21, 56.518,


166.262

 11, 56.518,
166.262


 1, 56.518, 166.262


 91, 56.518,
166.262


 91, 56.518,
166.262

 90, 62.274,
164.745


 92, 49.098,
168.028


 90, 67.361,
162.803

 93, 41.160,
169.411

 89, 71.491,
160.655

 94, 32.507,
170.658

 89, 73.642,
159.305

 96, 23.310,
171.793

■ 97, 13.735,
172.844

■ 99, 3.932, 173.902

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, 56.518, 166.262



62, 66.119, 4.209

Rectangle

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



91, 56.518, 166.262



91, 56.518, 216.262



91, 56.518, 346.262



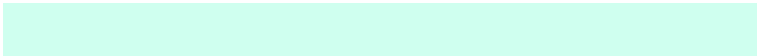
91, 56.518, 36.262

Sweetspot

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



91, 56.173, 166.480



96, 18.576, 172.325



91, 88.253, 131.600



51, 12.744, 172.022



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

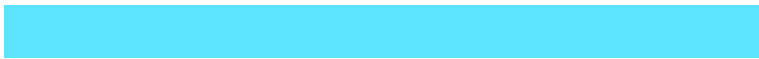
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 56.173, 166.480



90, 63.915, 164.181



84, 37.600, 219.943



52, 5.602, 173.300



69, 58.898, 159.726



23, 25.790, 162.799

Inverse Universe

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



62, 66.119, 4.209



58, 76.192, 8.554



66, 63.714, 38.513



50, 5.745, 354.972



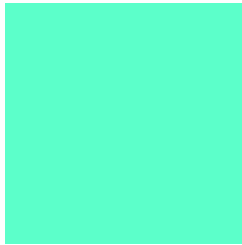
40, 69.836, 18.793



10, 31.365, 10.794

Previews

White Background



This preview shows how the CIE LCh color 91, 56.518, 166.262 looks on a white background.

Color Contrast Check

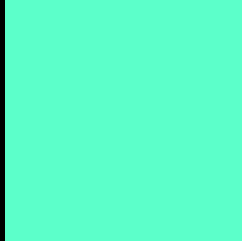
Large Text (above 18pt) WCAG AA × Fail

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, 56.518, 166.262 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

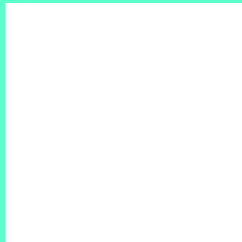
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 56.518, 166.262

Background



This preview shows how black text looks on a background with the CIELCh color 91, 56.518, 166.262.

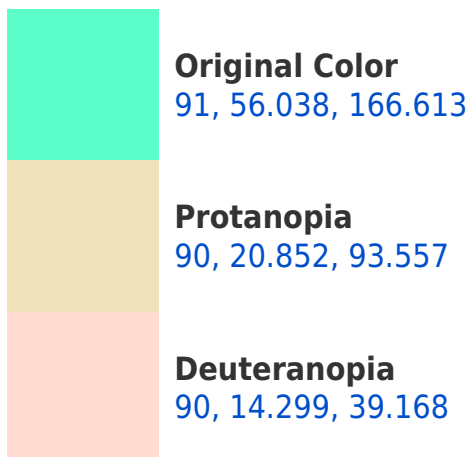



This preview shows how white text looks on a background with the CIELCh color 91, 56.518, 166.262.

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
91, 25.741, 214.448

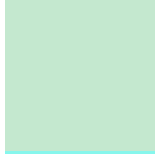
Trichromacy



Original Color
91, 56.038, 166.613



Protanomaly
89, 29.877, 146.347



Deuteranomaly
89, 18.428, 153.383

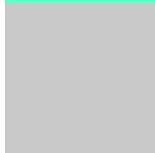


Tritanomaly
90, 34.585, 188.492

Monochromacy



Original Color
91, 56.038, 166.613



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 22.961, 171.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 56.518, 166.262 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 56.518, 166.262 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, 202) }
```

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

```
.border{ border-color:rgb(92, 255, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 56.518, 166.262 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, 202) }
```

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

```
.background{ background-color: rgb(92, 255,  
202) }
```

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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