

Converting Colors

CIELCh(90, 67.277, 159.866)

Have a look what the booklet for
CIELCh(90, 67.277, 159.866)
contains.

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Color

CIELCh(90, 66.986, 160.081)

Conversions

Conversions Part 1

Format	Color
Hex	43FFB4
RGB	67, 255, 180
RGB Percent	26%, 100%, 71%
CMY	0.7385, 0.0000, 0.2925
CMYK	0.74, 0.00, 0.29, 0.00
HSL	156°, 100%, 63%
HSV	156°, 74%, 100%
XYZ	46.4778, 76.3034, 55.6823
YIQ	190.2380, -87.9730, -63.1810

Conversions

Conversions Part 2

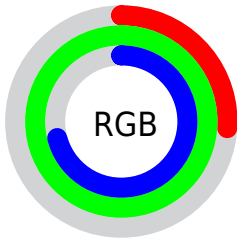
Format	Color
RYB	67, 184, 255
Decimal	4456372
CIELab	90.00, -62.98, 22.82
CIELCh	90, 66.986, 160.081
Yxy	76.3034, 0.2604, 0.4276
Android (android.graphics.Color)	4282646452 (0xFF43FFB4)
YUV	190.2380, -5.0473, -108.0797
Hunter-Lab	87.3518, -57.8900, 23.3519

Details

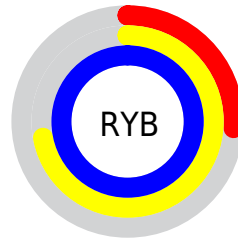
The CIELCh color **90, 66.986, 160.081** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **59, 74.531, 1.794**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.456, 181.793**, and **71, 62.408, 157.626** is the 20% darker color. If you saturate the color by 10%, you get **89, 72.608, 158.171**, and if you desaturate by 10%, it is **91, 59.909, 161.975**.

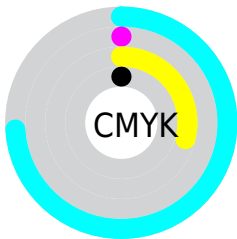
Distribution



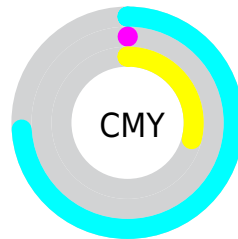
- Red (26%)
- Green (100%)
- Blue (71%)



- Red (26%)
- Yellow (72%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (74%)
- Magenta (0%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 66.986, 160.081 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, 66.986, 160.081 by changing the saturation by 10% instead.


 90, 66.986,
160.081


 90, 66.986,
160.081


 100, 66.986,
160.081


 80, 66.986,
160.081

 70, 66.986,
160.081

 60, 66.986,
160.081


 50, 66.986,
160.081

 40, 66.986,
160.081


 30, 66.986,
160.081


 20, 66.986,


160.081


 10, 66.986,
160.081


 0, 66.986, 160.081


 90, 66.986,
160.081


 90, 66.986,
160.081


 89, 72.608,
158.171


 91, 59.909,
161.975

 89, 77.488,
155.953

 91, 52.102,
163.567

 89, 80.132,
154.534

 93, 43.465,
164.982

 94, 34.160,
166.244

■ 95, 24.365,
167.381

■ 97, 14.250,
168.420

■ 99, 3.970, 169.453

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.



90, 66.986, 160.081



59, 74.531, 1.794

Rectangle

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



90, 66.986, 160.081



90, 66.986, 210.081



90, 66.986, 340.081



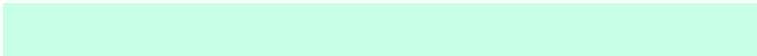
90, 66.986, 30.081

Sweetspot

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



90, 66.763, 160.181



96, 22.510, 167.580



91, 96.816, 129.562



51, 15.087, 167.287



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, 66.763, 160.181



89, 75.234, 157.054



86, 41.945, 210.688



52, 5.858, 168.854



68, 64.026, 154.967



23, 27.823, 158.163

Inverse Universe

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



59, 74.531, 1.794



55, 82.100, 7.674



60, 78.386, 36.274



50, 5.974, 350.483



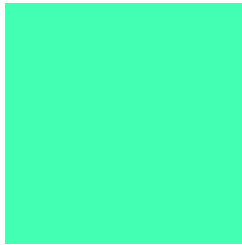
41, 68.377, 12.197



10, 31.295, 5.129

Previews

White Background



This preview shows how the CIE LCh color 90, 66.986, 160.081 looks on a white background.

Color Contrast Check

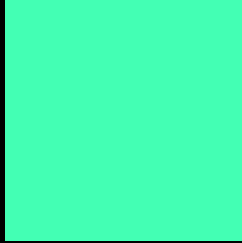
Large Text (above 18pt) WCAG AA × Fail

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, 66.986, 160.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

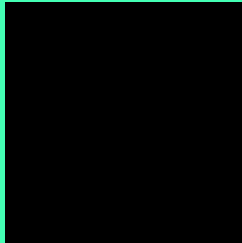
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 66.986, 160.081

Background



This preview shows how black text looks on a background with the CIELCh color 90, 66.986, 160.081.

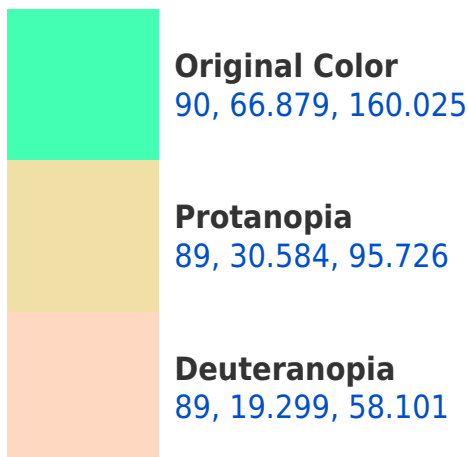


This preview shows how white text looks on a background with the CIELCh color 90, 66.986, 160.081.

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, 29.191, 213.344

Trichromacy



Original Color
90, 66.879, 160.025



Protanomaly
88, 39.521, 140.257



Deuteranomaly
87, 27.039, 143.871

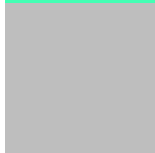


Tritanomaly
89, 39.644, 183.866

Monochromacy



Original Color
90, 66.879, 160.025



Achromatopsia
77, 0.009, 296.813



Achromatomaly
81, 28.198, 166.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 66.986, 160.081 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(67, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(67, 255, 180)  
}
```

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(67, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 255, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 66.986, 160.081 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(67, 255, 180) }
```

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

```
.border{ border-color:rgb(67, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(67, 255,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 66.986, 160.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 255, 180) }
```

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

```
.background{ background-color: rgb(67, 255,  
180) }
```

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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