

Converting Colors

CIELCh(90, 67.012, 162.072)

Have a look what the booklet for
CIELCh(90, 67.012, 162.072)
contains.

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Color

CIELCh(90, 66.447, 162.376)

Conversions

Conversions Part 1

Format	Color
Hex	36FFBA
RGB	54, 255, 186
RGB Percent	21%, 100%, 73%
CMY	0.7871, 0.0000, 0.2719
CMYK	0.79, 0.00, 0.27, 0.00
HSL	159°, 100%, 61%
HSV	159°, 79%, 100%
XYZ	46.3542, 76.3034, 58.5540
YIQ	187.0350, -97.6470, -64.0710

Conversions

Conversions Part 2

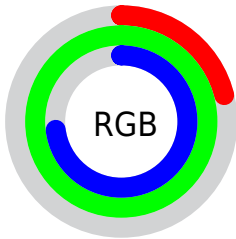
Format	Color
RYB	54, 175, 255
Decimal	3604410
CIELab	90.00, -63.33, 20.12
CIELCh	90, 66.447, 162.376
Yxy	76.3034, 0.2558, 0.4211
Android (android.graphics.Color)	4281794490 (0xFF36FFBA)
YUV	187.0350, -0.5103, -116.6717
Hunter-Lab	87.3518, -58.1427, 21.4028

Details

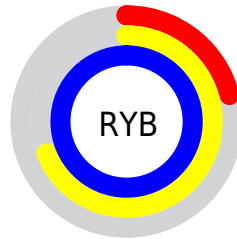
The CIELCh color **90, 66.447, 162.376** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **57, 77.255, 7.676**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.844, 186.757**, and **71, 60.111, 159.830** is the 20% darker color. If you saturate the color by 10%, you get **89, 70.923, 160.485**, and if you desaturate by 10%, it is **90, 60.278, 164.406**.

Distribution



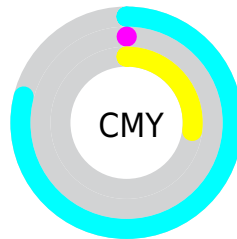
- Red (21%)
- Green (100%)
- Blue (73%)



- Red (21%)
- Yellow (69%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (79%)
- Magenta (0%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 66.447, 162.376 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, 66.447, 162.376 by changing the saturation by 10% instead.


 90, 66.447,
162.376


 90, 66.447,
162.376


 100, 66.447,
162.376


 80, 66.447,
162.376


 70, 66.447,
162.376

 60, 66.447,
162.376


 50, 66.447,
162.376

 40, 66.447,
162.376


 30, 66.447,
162.376


 20, 66.447,

162.376


 10, 66.447,
162.376


 0, 66.447, 162.376


 90, 66.447,
162.376


 90, 66.447,
162.376


 89, 70.923,
160.485

 90, 60.278,
164.406

 89, 74.881,
158.237

 91, 53.459,
166.059

 89, 75.366,
157.949

 92, 45.724,
167.531

 93, 37.213,
168.849

95, 28.091,
170.040

96, 18.527,
171.128

98, 8.685, 172.151

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, 66.447, 162.376



57, 77.255, 7.676

Rectangle

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



90, 66.447, 162.376



90, 66.447, 212.376



90, 66.447, 342.376



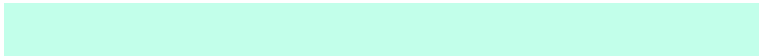
90, 66.447, 32.376

Sweetspot

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



90, 66.100, 162.552



96, 23.631, 170.563



90, 102.580, 131.026



50, 16.159, 170.169



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

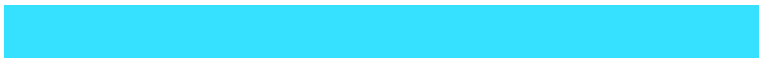
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 66.100, 162.552



89, 73.102, 159.310



83, 41.626, 219.823



52, 5.667, 172.070



69, 60.259, 158.375



23, 26.327, 161.490

Inverse Universe

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



57, 77.255, 7.676



55, 84.415, 14.829



60, 82.096, 39.675



50, 5.802, 353.734



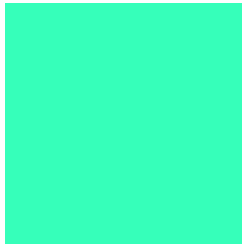
40, 69.341, 17.055



10, 31.318, 9.360

Previews

White Background



This preview shows how the CIELCh color 90, 66.447, 162.376 looks on a white background.

Color Contrast Check

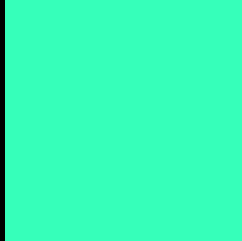
Large Text (above 18pt) WCAG AA × Fail

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, 66.447, 162.376 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, 66.447, 162.376

Background



This preview shows how black text looks on a background with the CIELCh color 90, 66.447, 162.376.

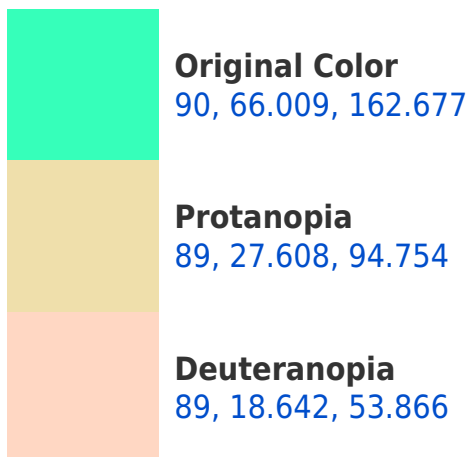



This preview shows how white text looks on a background with the CIELCh color 90, 66.447, 162.376.

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, 29.653, 213.068

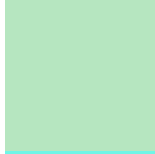
Trichromacy



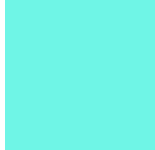
Original Color
90, 66.009, 162.677



Protanomaly
88, 38.399, 144.322



Deuteranomaly
87, 26.482, 149.337

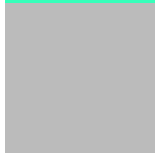


Tritanomaly
89, 40.442, 185.589

Monochromacy



Original Color
90, 66.009, 162.677



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 28.686, 169.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 66.447, 162.376 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(54, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(54, 255, 186)  
}
```

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(54, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 255, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 66.447, 162.376 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(54, 255, 186) }
```

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

```
.border{ border-color:rgb(54, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(54, 255,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 66.447, 162.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 255, 186) }
```

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

```
.background{ background-color: rgb(54, 255,  
186) }
```

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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