

Converting Colors

CIELCh(92, 48.094, 166.846)

Have a look what the booklet for
CIELCh(92, 48.094, 166.846)
contains.

CIELCh(92, 48.105, 166.777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 48.105, 166.777)

Conversions

Conversions Part 1

Format	Color
Hex	7CFFD1
RGB	124, 255, 209
RGB Percent	49%, 100%, 82%
CMY	0.5121, 0.0000, 0.1789
CMYK	0.51, 0.00, 0.18, 0.00
HSL	159°, 100%, 74%
HSV	159°, 51%, 100%
XYZ	55.8083, 80.7044, 73.1976
YIQ	210.5870, -63.3100, -42.0780

Conversions

Conversions Part 2

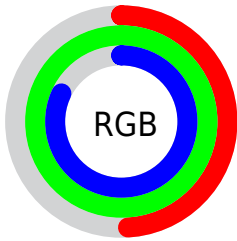
Format	Color
RYB	124, 203, 255
Decimal	8191953
CIELab	92.00, -46.83, 11.00
CIELCh	92, 48.105, 166.777
Yxy	80.7044, 0.2661, 0.3848
Android (android.graphics.Color)	4286382033 (0xFF7CFFD1)
YUV	210.5870, -0.7824, -75.9368
Hunter-Lab	89.8356, -46.3234, 14.5758

Details

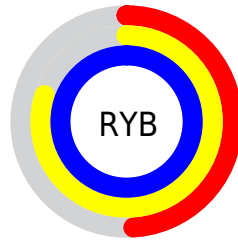
The CIELCh color **92, 48.105, 166.777** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **69, 54.256, 359.445**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **72, 48.159, 166.784** is the 20% darker color. If you saturate the color by 10%, you get **91, 55.462, 165.398**, and if you desaturate by 10%, it is **93, 39.535, 168.272**.

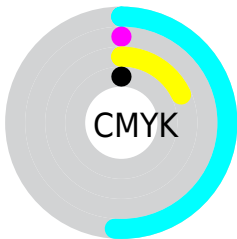
Distribution



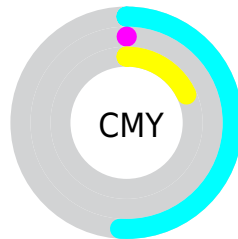
- Red (49%)
- Green (100%)
- Blue (82%)



- Red (49%)
- Yellow (80%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 48.105, 166.777 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 92, 48.105, 166.777 by changing the saturation by 10% instead.

 92, 48.105,
166.777

 92, 48.105,
166.777

 100, 48.105,
166.777

 82, 48.105,
166.777

 72, 48.105,
166.777

 62, 48.105,
166.777

 52, 48.105,
166.777

 42, 48.105,
166.777

 32, 48.105,
166.777

 22, 48.105,


166.777


 12, 48.105,
166.777


 2, 48.105, 166.777

 92, 48.105,
166.777


 92, 48.105,
166.777

 91, 55.462,
165.398

 93, 39.535,
168.272


 90, 62.079,
163.692

 94, 30.514,
169.493

 90, 67.690,
161.780

 96, 21.013,
170.605

 89, 72.318,
159.657

 98, 11.197,
171.637

■ 89, 75.736,
157.667

100, 1.211,
172.976

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.



92, 48.105, 166.777



69, 54.256, 359.445

Rectangle

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



92, 48.105, 166.777



92, 48.105, 216.777



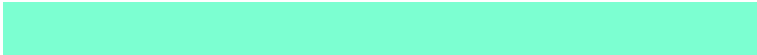
92, 48.105, 346.777



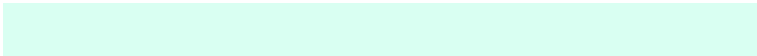
92, 48.105, 36.777

Sweetspot

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



92, 47.905, 166.916



97, 14.940, 171.253



92, 72.101, 131.628



51, 10.176, 171.036



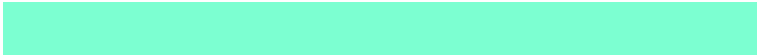
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 47.905, 166.916



91, 55.310, 165.432



88, 32.892, 215.831



52, 5.681, 171.811



69, 60.552, 158.093



23, 26.443, 161.217

Inverse Universe

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



69, 54.256, 359.445



64, 63.707, 1.690



71, 49.251, 35.853



50, 5.815, 353.473



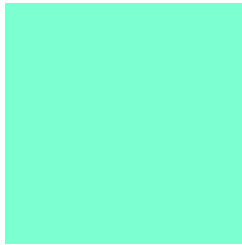
40, 69.245, 16.680



10, 31.311, 9.045

Previews

White Background



This preview shows how the CIE LCh color 92, 48.105, 166.777 looks on a white background.

Color Contrast Check

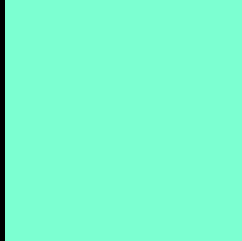
Large Text (above 18pt) WCAG AA × Fail

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 92, 48.105, 166.777 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 92, 48.105, 166.777

Background



This preview shows how black text looks on a background with the CIELCh color 92, 48.105, 166.777.

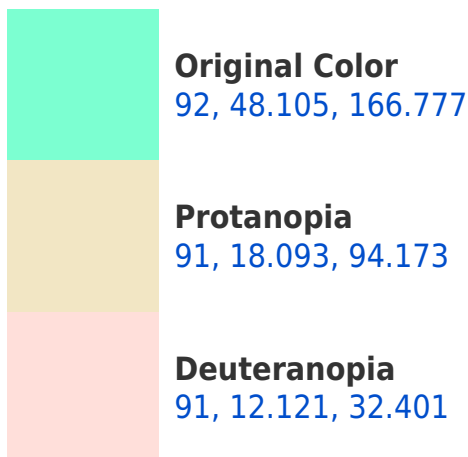


This preview shows how white text looks on a background with the CIELCh color 92, 48.105, 166.777.

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
92, 21.061, 218.513

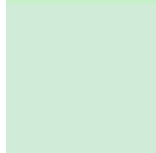
Trichromacy



Original Color
92, 48.105, 166.777



Protanomaly
91, 24.502, 144.748

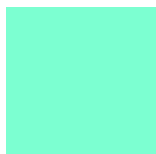


Deuteranomaly
91, 14.248, 151.917

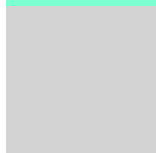


Tritanomaly
91, 28.232, 189.100

Monochromacy



Original Color
92, 48.105, 166.777



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 18.835, 169.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 48.105, 166.777 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(124, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(124, 255, 209)  
}
```

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(124, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 255, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 48.105, 166.777 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(124, 255, 209) }
```

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

```
.border{ border-color:rgb(124, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(124, 255,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 48.105, 166.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 255, 209) }
```

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

```
.background{ background-color: rgb(124,  
255, 209) }
```

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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