

Converting Colors

CIELCh(91, 50.095, 168.414)

Have a look what the booklet for
CIELCh(91, 50.095, 168.414)
contains.

CIELCh(91, 49.924, 168.409)	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(91, 49.924, 168.409)

Conversions

Conversions Part 1

Format	Color
Hex	6FFDD0
RGB	111, 253, 208
RGB Percent	44%, 99%, 82%
CMY	0.5630, 0.0063, 0.1828
CMYK	0.56, 0.00, 0.18, 0.01
HSL	161°, 98%, 72%
HSV	161°, 56%, 99%
XYZ	53.2932, 78.4833, 72.2598
YIQ	205.4120, -70.1870, -44.0990

Conversions

Conversions Part 2

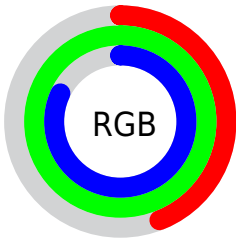
Format	Color
RYB	111, 195, 253
Decimal	7339472
CIELab	91.00, -48.91, 10.03
CIELCh	91, 49.924, 168.409
Yxy	78.4833, 0.2612, 0.3847
Android (android.graphics.Color)	4285529552 (0xFF6FFDD0)
YUV	205.4120, 1.2759, -82.7993
Hunter-Lab	88.5908, -47.6545, 13.6532

Details

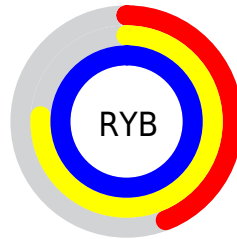
The CIELCh color **91, 49.924, 168.409** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **66, 58.307, 2.875**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.210, 197.801**, and **71, 50.018, 168.394** is the 20% darker color. If you saturate the color by 10%, you get **90, 56.673, 166.836**, and if you desaturate by 10%, it is **92, 42.286, 169.814**.

Distribution



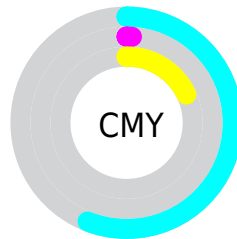
- Red (44%)
- Green (99%)
- Blue (82%)



- Red (44%)
- Yellow (76%)
- Blue (99%)



- Cyan (56%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (56%)
- Magenta (1%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 49.924, 168.409 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, 49.924, 168.409 by changing the saturation by 10% instead.

 91, 49.924,
168.409


 91, 49.924,
168.409


 100, 49.924,
168.409


 81, 49.924,
168.409

 71, 49.924,
168.409

 61, 49.924,
168.409

 51, 49.924,
168.409

 41, 49.924,
168.409

 31, 49.924,
168.409

 21, 49.924,

168.409

■ 11, 49.924,
168.409

■ 1, 49.924, 168.409

■ 91, 49.924,
168.409

■ 91, 49.924,
168.409

■ 90, 56.673,
166.836

■ 92, 42.286,
169.814

■ 90, 62.435,
165.074

■ 93, 33.898,
171.080

■ 89, 67.191,
163.106

■ 95, 24.925,
172.232

■ 89, 71.019,
160.936

■ 96, 15.535,
173.296

■ 89, 72.382,
160.055

■ 98, 5.881, 174.326
100, 1.000,
324.167

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91, 49.924, 168.409



66, 58.307, 2.875

Rectangle

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



91, 49.924, 168.409



91, 49.924, 218.409



91, 49.924, 348.409



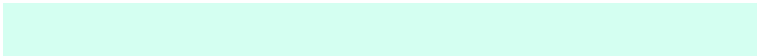
91, 49.924, 38.409

Sweetspot

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



91, 49.925, 168.408



97, 16.548, 173.195



91, 78.249, 131.903



51, 11.045, 172.985



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, 49.925, 168.408



91, 57.566, 166.670



85, 34.492, 218.798



52, 5.568, 173.961



69, 58.184, 160.465



23, 25.509, 163.512

Inverse Universe

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



66, 58.307, 2.875



61, 68.641, 5.868



69, 53.989, 37.627



50, 5.715, 355.636



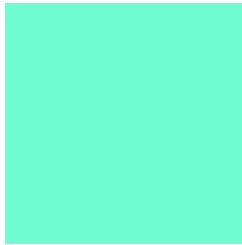
40, 70.127, 19.700



10, 31.397, 11.523

Previews

White Background



This preview shows how the CIE LCh color 91, 49.924, 168.409 looks on a white background.

Color Contrast Check

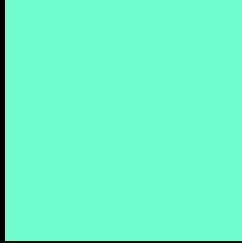
Large Text (above 18pt) WCAG AA × Fail

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, 49.924, 168.409 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, 49.924, 168.409

Background



This preview shows how black text looks on a background with the CIELCh color 91, 49.924, 168.409.

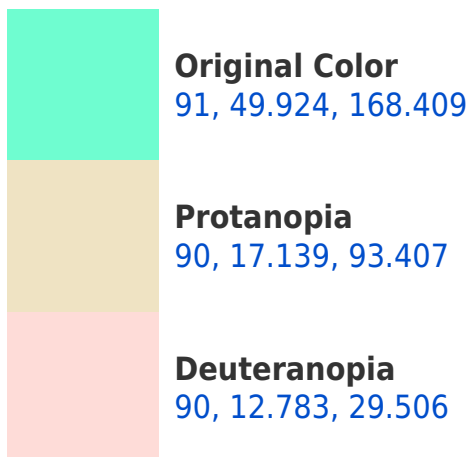


This preview shows how white text looks on a background with the CIELCh color 91, 49.924, 168.409.

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](#).

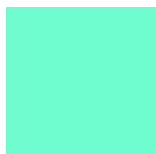
Dichromacy



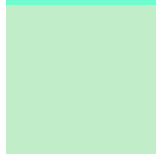


Tritanopia
91, 24.054, 217.074

Trichromacy



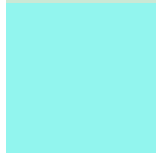
Original Color
91, 49.924, 168.409



Protanomaly
90, 25.008, 147.882

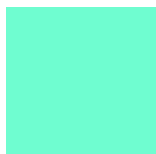


Deuteranomaly
89, 14.660, 156.150



Tritanomaly
91, 31.215, 190.672

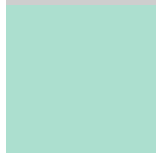
Monochromacy



Original Color
91, 49.924, 168.409



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 19.792, 172.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 49.924, 168.409 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(111, 253, 208)` looks like.

```
.text, #text, p{  
    color:rgb(111, 253, 208)  
}
```

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(111, 253, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 253, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 49.924, 168.409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

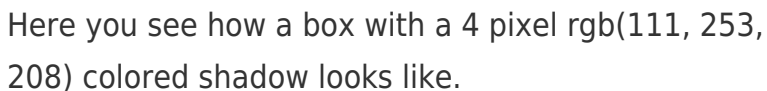
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 253, 208) }
```

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

```
.border{ border-color:rgb(111, 253, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 253, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 253, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 253, 208); box-shadow:4px 4px 4px 4px rgb(111, 253, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 49.924, 168.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 253, 208) }
```

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

```
.background{ background-color: rgb(111,  
253, 208) }
```

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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