

Converting Colors

CIELCh(91, 49.184, 175.349)

Have a look what the booklet for
CIELCh(91, 49.184, 175.349)
contains.

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Color

CIELCh(91, 49.294, 175.294)

Conversions

Conversions Part 1

Format	Color
Hex	61FEDC
RGB	97, 254, 220
RGB Percent	38%, 100%, 86%
CMY	0.6202, 0.0045, 0.1378
CMYK	0.62, 0.00, 0.13, 0.00
HSL	167°, 99%, 69%
HSV	167°, 62%, 100%
XYZ	53.2072, 78.4833, 79.9573
YIQ	203.1810, -82.6580, -43.8580

Conversions

Conversions Part 2

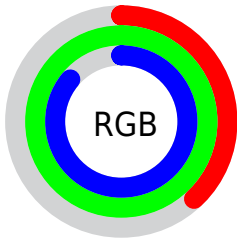
Format	Color
RYB	97, 185, 254
Decimal	6422236
CIELab	91.00, -49.13, 4.04
CIELCh	91, 49.294, 175.294
Yxy	78.4833, 0.2514, 0.3708
Android (android.graphics.Color)	4284612316 (0xFF61FEDC)
YUV	203.1810, 8.2918, -93.1207
Hunter-Lab	88.5908, -47.8278, 8.5016

Details

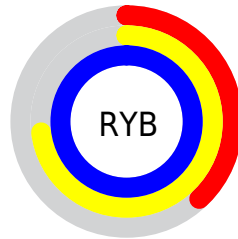
The CIELCh color **91, 49.294, 175.294** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **63, 63.691, 12.174**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.133, 197.623**, and **71, 48.423, 175.230** is the 20% darker color. If you saturate the color by 10%, you get **90, 54.447, 173.826**, and if you desaturate by 10%, it is **92, 43.134, 176.618**.

Distribution



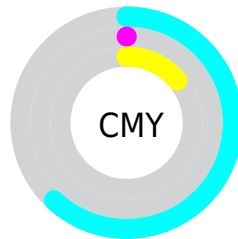
- Red (38%)
- Green (100%)
- Blue (86%)



- Red (38%)
- Yellow (73%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 49.294, 175.294 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, 49.294, 175.294 by changing the saturation by 10% instead.

 91, 49.294,
175.294

 91, 49.294,
175.294

 100, 49.294,
175.294


 81, 49.294,
175.294

 71, 49.294,
175.294

 61, 49.294,
175.294

 51, 49.294,
175.294

 41, 49.294,
175.294

 31, 49.294,
175.294

 21, 49.294,

175.294

■ 11, 49.294,
175.294

■ 1, 49.294, 175.294

■ 91, 49.294,
175.294

■ 91, 49.294,
175.294

■ 90, 54.447,
173.826

■ 92, 43.134,
176.618

■ 90, 58.555,
172.193

■ 93, 36.069,
177.825

■ 90, 61.664,
170.379

■ 94, 28.237,
178.938

■ 89, 63.626,
168.796

■ 96, 19.799,
179.977

97, 10.912,
180.971

99, 1.722, 182.184

100, 0.718,
324.036

Harmonies

Complementary

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



91, 49.294, 175.294



63, 63.691, 12.174

Rectangle

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



91, 49.294, 175.294



91, 49.294, 225.294



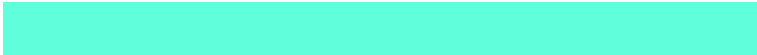
91, 49.294, 355.294



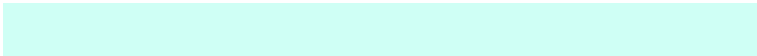
91, 49.294, 45.294

Sweetspot

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



91, 49.294, 175.293



97, 17.365, 180.264



90, 88.377, 134.696



51, 11.890, 179.976



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, 49.294, 175.293



91, 55.613, 173.487



79, 36.741, 238.532



52, 5.268, 181.204



69, 51.177, 169.156



23, 22.773, 171.773

Inverse Universe

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



63, 63.691, 12.174



58, 75.077, 16.416



70, 57.283, 47.417



50, 5.462, 2.842



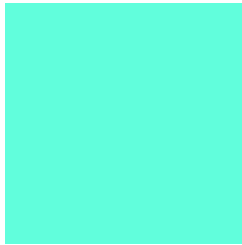
40, 74.146, 28.333



10, 31.887, 17.881

Previews

White Background



This preview shows how the CIELCh color 91, 49.294, 175.294 looks on a white background.

Color Contrast Check

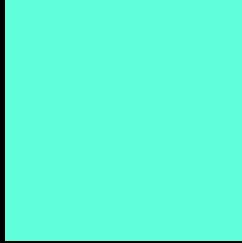
Large Text (above 18pt) WCAG AA × Fail

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, 49.294, 175.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

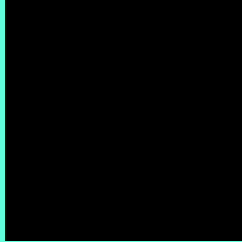
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 49.294, 175.294

Background



This preview shows how black text looks on a background with the CIELCh color 91, 49.294, 175.294.

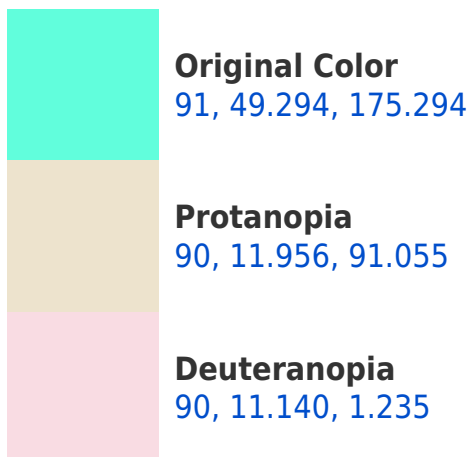


This preview shows how white text looks on a background with the CIELCh color 91, 49.294, 175.294.

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, 24.983, 215.006

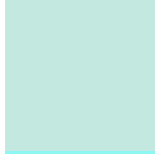
Trichromacy



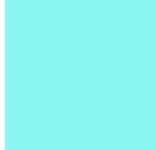
Original Color
91, 49.294, 175.294



Protanomaly
90, 22.942, 160.231



Deuteranomaly
89, 13.883, 180.991

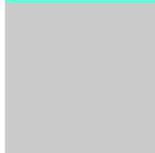


Tritanomaly
91, 32.780, 193.666

Monochromacy



Original Color
91, 49.294, 175.294



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 20.655, 180.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 49.294, 175.294 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(97, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(97, 254, 220)  
}
```

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(97, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 254, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 49.294, 175.294 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(97, 254, 220) }
```

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

```
.border{ border-color:rgb(97, 254, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 254, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(97, 254,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 49.294, 175.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 254, 220) }
```

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

```
.background{ background-color: rgb(97, 254,  
220) }
```

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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