

Converting Colors

CIELCh(91, 44.671, 174.154)

Have a look what the booklet for
CIELCh(91, 44.671, 174.154)
contains.

CIELCh(91, 44.822, 174.067)	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, 44.822, 174.067)

Conversions

Conversions Part 1

Format	Color
Hex	76FCDB
RGB	118, 252, 219
RGB Percent	46%, 99%, 86%
CMY	0.5378, 0.0123, 0.1417
CMYK	0.53, 0.00, 0.13, 0.01
HSL	165°, 96%, 72%
HSV	165°, 53%, 99%
XYZ	54.9875, 78.4833, 79.1771
YIQ	208.1720, -69.2710, -38.6710

Conversions

Conversions Part 2

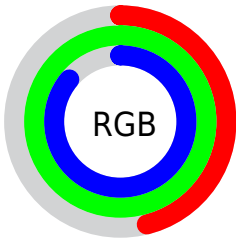
Format	Color
RYB	118, 194, 252
Decimal	7797979
CIELab	91.00, -44.58, 4.63
CIELCh	91, 44.822, 174.067
Yxy	78.4833, 0.2586, 0.3691
Android (android.graphics.Color)	4285988059 (0xFF76FCDB)
YUV	208.1720, 5.3382, -79.0808
Hunter-Lab	88.5908, -44.2405, 9.0238

Details

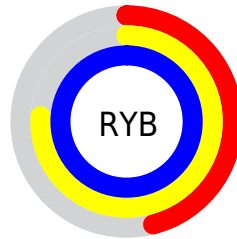
The CIELCh color **91, 44.822, 174.067** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **66, 54.651, 7.551**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.270, 197.921**, and **71, 45.028, 173.855** is the 20% darker color. If you saturate the color by 10%, you get **90, 51.098, 172.655**, and if you desaturate by 10%, it is **92, 37.653, 175.342**.

Distribution



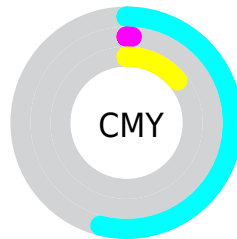
- Red (46%)
- Green (99%)
- Blue (86%)



- Red (46%)
- Yellow (76%)
- Blue (99%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)




- Cyan (54%)
- Magenta (1%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 44.822, 174.067 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, 44.822, 174.067 by changing the saturation by 10% instead.

 91, 44.822,
174.067


 91, 44.822,
174.067


 100, 44.822,
174.067


 81, 44.822,
174.067

 71, 44.822,
174.067

 61, 44.822,
174.067

 51, 44.822,
174.067

 41, 44.822,
174.067

 31, 44.822,
174.067

 21, 44.822,

174.067

■ 11, 44.822,
174.067

■ 1, 44.822, 174.067

■ 91, 44.822,
174.067

■ 91, 44.822,
174.067

■ 90, 51.098,
172.655

■ 92, 37.653,
175.342

■ 89, 56.380,
171.085

■ 93, 29.727,
176.510

■ 89, 60.635,
169.333

■ 95, 21.206,
177.590

■ 89, 63.922,
167.389

■ 96, 12.247,
178.610

■ 89, 65.745,
165.993

■ 98, 2.999, 179.698
■ 99, 1.954, 324.352

Harmonies

Complementary

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



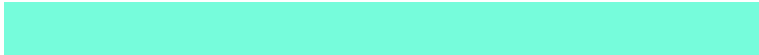
91, 44.822, 174.067



66, 54.651, 7.551

Rectangle

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



91, 44.822, 174.067



91, 44.822, 224.067



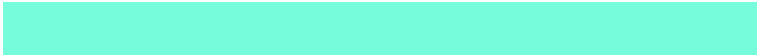
91, 44.822, 354.067



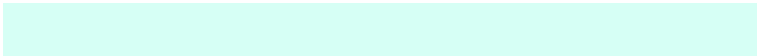
91, 44.822, 44.067

Sweetspot

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



91, 44.823, 174.066



97, 14.935, 178.328



91, 76.169, 134.362



51, 10.054, 178.119



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, 44.823, 174.066



91, 52.064, 172.530



82, 32.551, 231.155



51, 5.260, 178.984



68, 52.626, 166.384



22, 22.881, 169.302

Inverse Universe

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



66, 54.651, 7.551



62, 65.874, 10.512



72, 48.146, 44.390



49, 5.436, 0.643



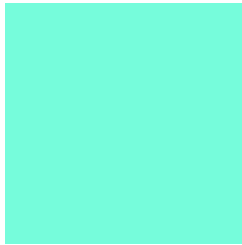
40, 72.034, 25.879



9, 30.776, 15.346

Previews

White Background



This preview shows how the CIE LCh color 91, 44.822, 174.067 looks on a white background.

Color Contrast Check

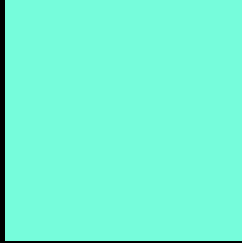
Large Text (above 18pt) WCAG AA × Fail

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, 44.822, 174.067 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

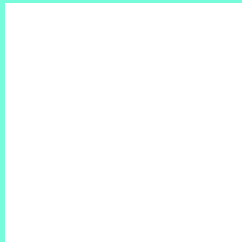
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 44.822, 174.067

Background



This preview shows how black text looks on a background with the CIELCh color 91, 44.822, 174.067.

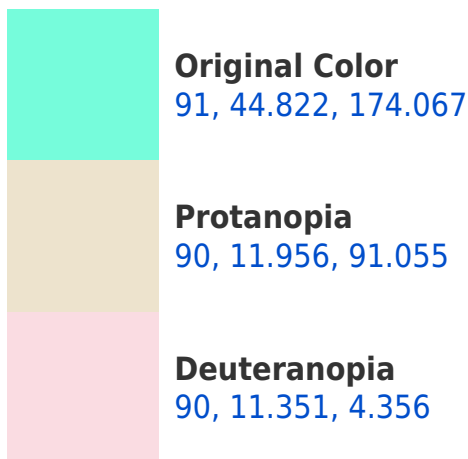



This preview shows how white text looks on a background with the CIELCh color 91, 44.822, 174.067.

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



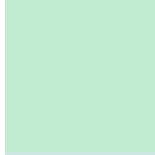


Tritanopia
91, 23.798, 217.301

Trichromacy



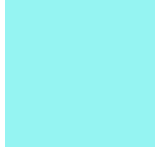
Original Color
91, 44.822, 174.067



Protanomaly
90, 20.255, 156.352



Deuteranomaly
90, 11.579, 174.794

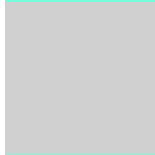


Tritanomaly
91, 29.602, 195.496

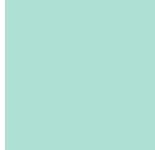
Monochromacy



Original Color
91, 44.822, 174.067



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 18.208, 177.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 44.822, 174.067 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(118, 252, 219)` looks like.

```
.text, #text, p{  
    color:rgb(118, 252, 219)  
}
```

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(118, 252, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 252, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 44.822, 174.067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

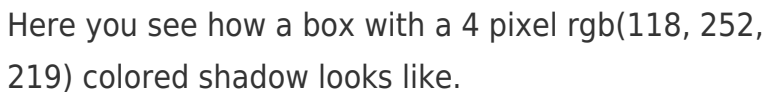
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 252, 219) }
```

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

```
.border{ border-color:rgb(118, 252, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 252, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 252, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 252, 219); box-shadow:4px 4px 4px 4px rgb(118, 252, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 44.822, 174.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 252, 219) }
```

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

```
.background{ background-color: rgb(118,  
252, 219) }
```

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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