

Converting Colors

CIELCh(96, 51.137, 167.701)

Have a look what the booklet for
CIELCh(96, 51.137, 167.701)
contains.

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Color

CIELCh(92, 44.283, 173.178)

Conversions

Conversions Part 1

Format	Color
Hex	7CFEDD
RGB	124, 254, 221
RGB Percent	49%, 100%, 87%
CMY	0.5119, 0.0020, 0.1353
CMYK	0.51, 0.00, 0.13, 0.00
HSL	164°, 99%, 74%
HSV	164°, 51%, 100%
XYZ	56.9598, 80.7044, 80.6348
YIQ	211.3680, -66.8870, -37.8230

Conversions

Conversions Part 2

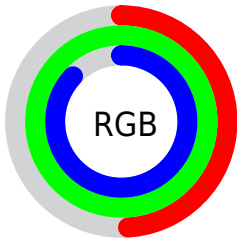
Format	Color
RYB	124, 198, 254
Decimal	8191709
CIELab	92.00, -43.97, 5.26
CIELCh	92, 44.283, 173.178
Yxy	80.7044, 0.2609, 0.3697
Android (android.graphics.Color)	4286381789 (0xFF7CFEDD)
YUV	211.3680, 4.7486, -76.6217
Hunter-Lab	89.8356, -44.0353, 9.6674

Details

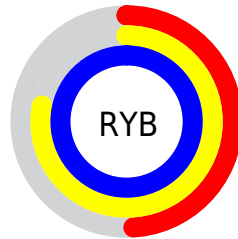
The CIELCh color **92, 44.283, 173.178** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68, 53.016, 5.918**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **72, 44.205, 173.562** is the 20% darker color. If you saturate the color by 10%, you get **91, 50.956, 171.767**, and if you desaturate by 10%, it is **93, 36.746, 174.452**.

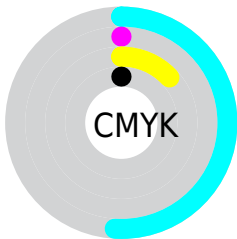
Distribution



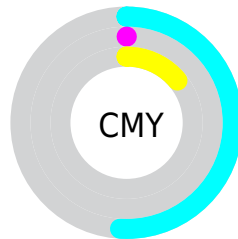
- Red (49%)
- Green (100%)
- Blue (87%)



- Red (49%)
- Yellow (78%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 44.283, 173.178 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, 44.283, 173.178 by changing the saturation by 10% instead.

 92, 44.283,
173.178


 92, 44.283,
173.178


 100, 44.283,
173.178


 82, 44.283,
173.178

 72, 44.283,
173.178

 62, 44.283,
173.178

 52, 44.283,
173.178

 42, 44.283,
173.178

 32, 44.283,
173.178

 22, 44.283,

173.178

■ 12, 44.283,
173.178

■ 2, 44.283, 173.178

■ 92, 44.283,
173.178

■ 92, 44.283,
173.178

■ 91, 50.956,
171.767

■ 93, 36.746,
174.452

■ 90, 56.651,
170.197

■ 94, 28.492,
175.617

■ 90, 61.317,
168.443

■ 96, 19.684,
176.695

■ 90, 64.988,
166.492

■ 98, 10.483,
177.715

■ 89, 67.597,
164.626

■ 100, 1.034,
179.161

100, 0.328,
323.509

Harmonies

Complementary

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



92, 44.283, 173.178



68, 53.016, 5.918

Rectangle

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



92, 44.283, 173.178



92, 44.283, 223.178



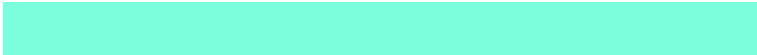
92, 44.283, 353.178



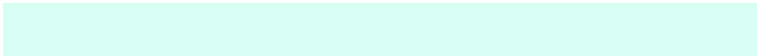
92, 44.283, 43.178

Sweetspot

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



92, 44.284, 173.177



97, 14.141, 177.320



92, 73.631, 134.035



51, 9.622, 177.105



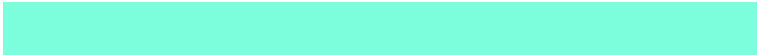
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 44.284, 173.177



91, 50.982, 171.779



84, 31.859, 228.192



52, 5.391, 177.876



69, 54.214, 165.018



23, 23.954, 167.868

Inverse Universe

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



68, 53.016, 5.918



63, 63.028, 8.437



74, 46.633, 42.851



50, 5.564, 359.547



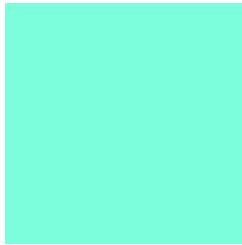
40, 72.145, 24.661



10, 31.640, 15.297

Previews

White Background



This preview shows how the CIE LCh color 92, 44.283, 173.178 looks on a white background.

Color Contrast Check

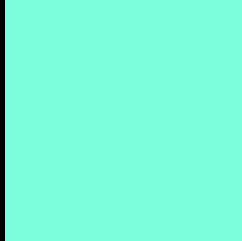
Large Text (above 18pt) WCAG AA × Fail

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, 44.283, 173.178 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, 44.283, 173.178

Background



This preview shows how black text looks on a background with the CIELCh color 92, 44.283, 173.178.

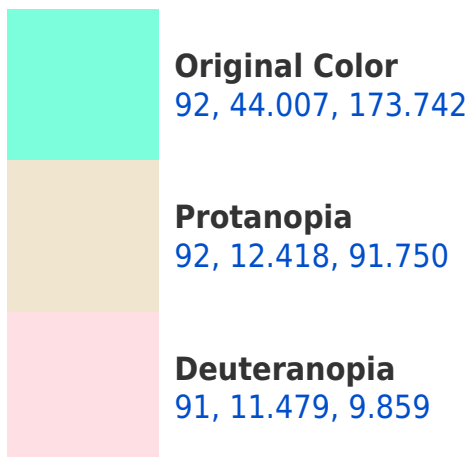


This preview shows how white text looks on a background with the CIELCh color 92, 44.283, 173.178.

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, 20.942, 217.097

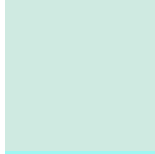
Trichromacy



Original Color
92, 44.007, 173.742



Protanomaly
91, 20.322, 154.707



Deuteranomaly
91, 10.633, 172.668

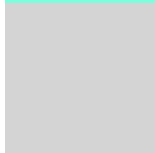


Tritanomaly
92, 28.091, 192.297

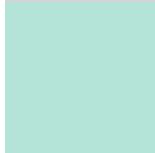
Monochromacy



Original Color
92, 44.007, 173.742



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.563, 177.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 44.283, 173.178 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, 254, 221)` looks like.

```
.text, #text, p{  
    color:rgb(124, 254, 221)  
}
```

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, 254, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 254, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 44.283, 173.178 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, 254, 221) }
```

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

```
.border{ border-color:rgb(124, 254, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 254, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 254, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 254, 221);  
box-shadow:4px 4px 4px 4px rgb(124, 254,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 44.283, 173.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 254, 221) }
```

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

```
.background{ background-color: rgb(124,  
254, 221) }
```

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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