

Converting Colors

CIELCh(92, 44.283, 179.930)

Have a look what the booklet for
CIELCh(92, 44.283, 179.930)
contains.

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Color

CIELCh(92, 44.500, 179.637)

Conversions

Conversions Part 1

Format	Color
Hex	70FFE6
RGB	112, 255, 230
RGB Percent	44%, 100%, 90%
CMY	0.5606, 0.0000, 0.0979
CMYK	0.56, 0.00, 0.10, 0.00
HSL	170°, 100%, 72%
HSV	170°, 56%, 100%
XYZ	56.7454, 80.7044, 87.4749
YIQ	209.3930, -77.2030, -38.0910

Conversions

Conversions Part 2

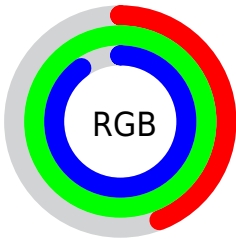
Format	Color
RYB	112, 190, 255
Decimal	7405542
CIELab	92.00, -44.50, 0.28
CIElCh	92, 44.500, 179.637
Yxy	80.7044, 0.2523, 0.3588
Android (android.graphics.Color)	4285595622 (0xFF70FFE6)
YUV	209.3930, 10.1593, -85.4137
Hunter-Lab	89.8356, -44.4614, 5.1530

Details

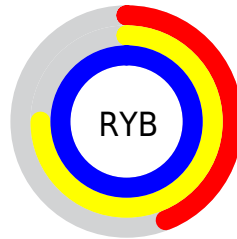
The CIELCh color **92, 44.500, 179.637** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **65, 58.208, 13.769**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.662, 197.835**, and **72, 44.603, 179.670** is the 20% darker color. If you saturate the color by 10%, you get **91, 49.856, 178.407**, and if you desaturate by 10%, it is **93, 38.123, 180.802**.

Distribution



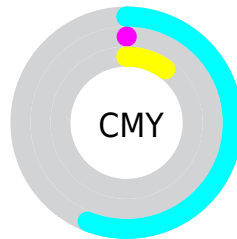
- Red (44%)
- Green (100%)
- Blue (90%)



- Red (44%)
- Yellow (75%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 44.500, 179.637 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, 44.500, 179.637 by changing the saturation by 10% instead.

 92, 44.500,
179.637


 92, 44.500,
179.637


 100, 44.500,
179.637


 82, 44.500,
179.637

 72, 44.500,
179.637

 62, 44.500,
179.637

 52, 44.500,
179.637

 42, 44.500,
179.637

 32, 44.500,
179.637

 22, 44.500,

179.637

■ 12, 44.500,
179.637

■ 2, 44.500, 179.637

■ 92, 44.500,
179.637

■ 92, 44.500,
179.637

■ 91, 49.856,
178.407

■ 93, 38.123,
180.802

■ 91, 54.171,
177.029

■ 94, 30.896,
181.865

■ 90, 57.428,
175.501

■ 95, 22.952,
182.864

■ 90, 59.725,
173.812

■ 97, 14.448,
183.821

■ 90, 60.468,
173.124

■ 99, 5.537, 184.788
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.



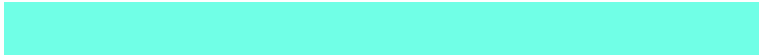
92, 44.500, 179.637



65, 58.208, 13.769

Rectangle

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



92, 44.500, 179.637



92, 44.500, 229.637



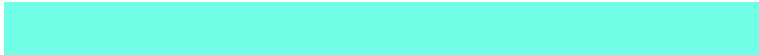
92, 44.500, 359.637



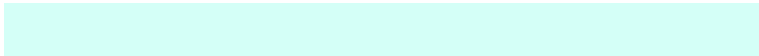
92, 44.500, 49.637

Sweetspot

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



92, 44.483, 179.656



97, 15.265, 183.732



91, 82.226, 135.848



51, 10.171, 183.542



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, 44.483, 179.656



91, 50.306, 178.283



80, 34.906, 242.213



52, 5.169, 184.443



69, 48.518, 173.450



23, 21.743, 175.771

Inverse Universe

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



65, 58.208, 13.769



61, 69.399, 17.106



74, 50.393, 50.471



50, 5.384, 6.022



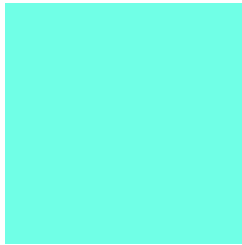
40, 76.218, 31.432



10, 32.134, 19.948

Previews

White Background



This preview shows how the CIE LCh color 92, 44.500, 179.637 looks on a white background.

Color Contrast Check

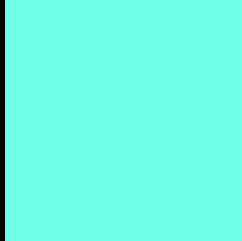
Large Text (above 18pt) WCAG AA × Fail

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, 44.500, 179.637 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, 44.500, 179.637

Background



This preview shows how black text looks on a background with the CIELCh color 92, 44.500, 179.637.

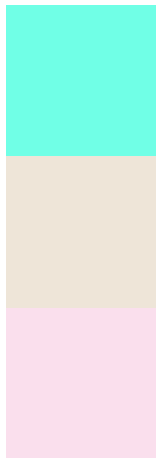


This preview shows how white text looks on a background with the CIELCh color 92, 44.500, 179.637.

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



Original Color


92, 44.500, 179.637

Protanopia

91, 7.459, 83.361

Deuteranopia

91, 12.099, 343.529



Tritanopia
92, 21.750, 216.326

Trichromacy



Original Color
92, 44.500, 179.637



Protanomaly
91, 18.393, 169.515



Deuteranomaly
91, 11.995, 196.161

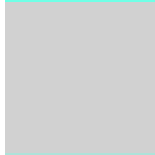


Tritanomaly
92, 29.243, 196.544

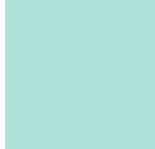
Monochromacy



Original Color
92, 44.500, 179.637



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 18.495, 183.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 44.500, 179.637 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(112, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 230)  
}
```

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(112, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 44.500, 179.637 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(112, 255, 230) }
```

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

```
.border{ border-color:rgb(112, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 44.500, 179.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 230) }
```

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

```
.background{ background-color: rgb(112,  
255, 230) }
```

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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