

Converting Colors

CIELCh(92, 45.215, 189.332)

Have a look what the booklet for
CIELCh(92, 45.215, 189.332)
contains.

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Color

CIELCh(92, 44.938, 189.963)

Conversions

Conversions Part 1

Format	Color
Hex	5CFFF5
RGB	92, 255, 245
RGB Percent	36%, 100%, 96%
CMY	0.6407, 0.0000, 0.0374
CMYK	0.64, 0.00, 0.04, 0.00
HSL	177°, 100%, 68%
HSV	177°, 64%, 100%
XYZ	56.8420, 80.7044, 99.3465
YIQ	205.1230, -93.9380, -37.6660

Conversions

Conversions Part 2

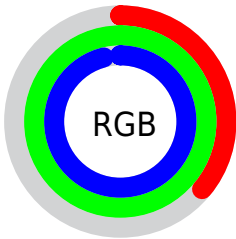
Format	Color
RYB	92, 176, 255
Decimal	6094837
CIELab	92.00, -44.26, -7.77
CIElCh	92, 44.938, 189.963
Yxy	80.7044, 0.2399, 0.3407
Android (android.graphics.Color)	4284284917 (0xFF5CFFF5)
YUV	205.1230, 19.6594, -99.2089
Hunter-Lab	89.8356, -44.2694, -2.6821

Details

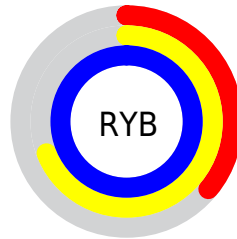
The CIELCh color **92, 44.938, 189.963** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **61, 68.906, 24.815**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **72, 43.011, 189.621** is the 20% darker color. If you saturate the color by 10%, you get **91, 48.320, 189.591**, and if you desaturate by 10%, it is **93, 40.101, 190.931**.

Distribution



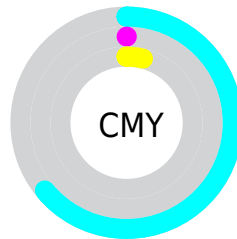
- Red (36%)
- Green (100%)
- Blue (96%)



- Red (36%)
- Yellow (69%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 44.938, 189.963 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, 44.938, 189.963 by changing the saturation by 10% instead.


 92, 44.938,
189.963


 92, 44.938,
189.963

 100, 44.938,
189.963


 82, 44.938,
189.963

 72, 44.938,
189.963

 62, 44.938,
189.963

 52, 44.938,
189.963

 42, 44.938,
189.963

 32, 44.938,
189.963

 22, 44.938,

189.963

■ 12, 44.938,
189.963

■ 2, 44.938, 189.963

■ 92, 44.938,
189.963

■ 92, 44.938,
189.963

■ 91, 48.320,
189.591

■ 93, 40.101,
190.931

■ 91, 50.776,
188.887

■ 94, 34.392,
191.592

■ 91, 52.220,
188.141

■ 95, 27.746,
192.259

■ 91, 52.730,
187.680

■ 96, 20.301,
192.940

■ 98, 12.206,
193.643

■ 99, 3.610, 194.462

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, 44.938, 189.963



61, 68.906, 24.815

Rectangle

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



92, 44.938, 189.963



92, 44.938, 239.963



92, 44.938, 9.963



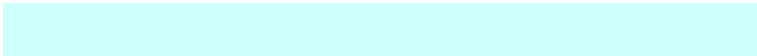
92, 44.938, 59.963

Sweetspot

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



92, 44.763, 190.268



97, 16.266, 193.292



89, 94.918, 137.603



51, 11.103, 193.093



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, 44.763, 190.268



91, 49.151, 189.389



72, 43.575, 261.596



52, 4.985, 193.983



70, 42.429, 187.822



24, 19.387, 188.806

Inverse Universe

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



61, 68.906, 24.815



57, 83.122, 29.478



75, 57.588, 60.892



50, 5.262, 15.229



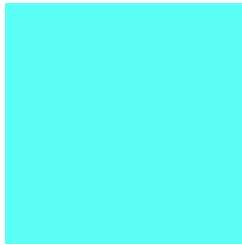
40, 81.803, 37.802



10, 32.901, 24.832

Previews

White Background



This preview shows how the CIE LCh color 92, 44.938, 189.963 looks on a white background.

Color Contrast Check

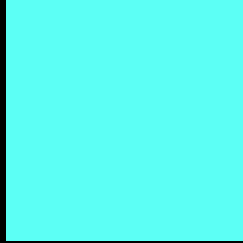
Large Text (above 18pt) WCAG AA × Fail

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, 44.938, 189.963 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

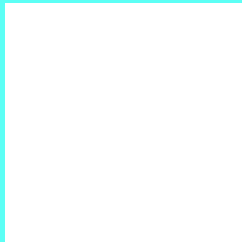
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 44.938, 189.963

Background



This preview shows how black text looks on a background with the CIELCh color 92, 44.938, 189.963.

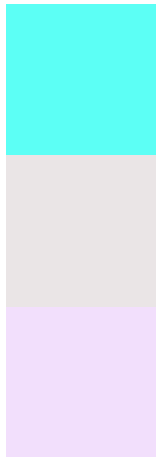


This preview shows how white text looks on a background with the CIELCh color 92, 44.938, 189.963.

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, 44.787, 189.950

Protanopia
91, 1.868, 3.136

Deuteranopia
91, 16.503, 314.770

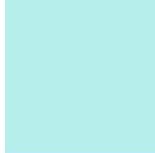


Tritanopia
91, 23.081, 215.173

Trichromacy



Original Color
92, 44.787, 189.950



Protanomaly
90, 18.687, 194.994



Deuteranomaly
90, 17.220, 225.576

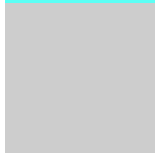


Tritanomaly
91, 31.544, 202.220

Monochromacy



Original Color
92, 44.787, 189.950



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 19.827, 193.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 44.938, 189.963 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(92, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 245)  
}
```

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(92, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 44.938, 189.963 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(92, 255, 245) }
```

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

```
.border{ border-color:rgb(92, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 44.938, 189.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 245) }
```

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

```
.background{ background-color: rgb(92, 255,  
245) }
```

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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