

Converting Colors

CIELCh(92, 51.098, 159.110)

Have a look what the booklet for
CIELCh(92, 51.098, 159.110)
contains.

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Color

CIELCh(92, 51.030, 159.031)

Conversions

Conversions Part 1

Format	Color
Hex	85FFC3
RGB	133, 255, 195
RGB Percent	52%, 100%, 76%
CMY	0.4771, 0.0000, 0.2340
CMYK	0.48, 0.00, 0.23, 0.00
HSL	151°, 100%, 76%
HSV	151°, 48%, 100%
XYZ	55.4807, 80.7044, 64.4722
YIQ	211.6820, -53.4520, -44.5240

Conversions

Conversions Part 2

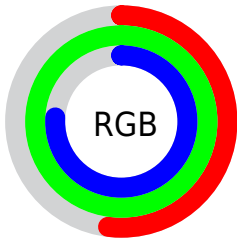
Format	Color
RYB	133, 214, 255
Decimal	8781763
CIELab	92.00, -47.65, 18.26
CIELCh	92, 51.030, 159.031
Yxy	80.7044, 0.2765, 0.4022
Android (android.graphics.Color)	4286971843 (0xFF85FFC3)
YUV	211.6820, -8.2242, -69.0041
Hunter-Lab	89.8356, -46.9743, 20.3344

Details

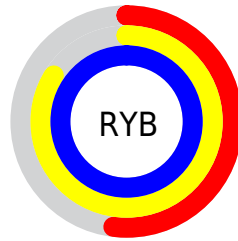
The CIELCh color **92, 51.030, 159.031** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **71, 53.794, 349.338**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.729, 193.848**, and **72, 51.298, 158.756** is the 20% darker color. If you saturate the color by 10%, you get **91, 60.157, 157.633**, and if you desaturate by 10%, it is **93, 40.836, 160.422**.

Distribution



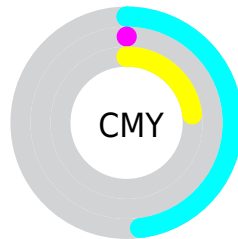
- Red (52%)
- Green (100%)
- Blue (76%)



- Red (52%)
- Yellow (84%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 51.030, 159.031 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, 51.030, 159.031 by changing the saturation by 10% instead.


 92, 51.030,
159.031


 92, 51.030,
159.031


 100, 51.030,
159.031


 82, 51.030,
159.031

 72, 51.030,
159.031

 62, 51.030,
159.031

 52, 51.030,
159.031

 42, 51.030,
159.031

 32, 51.030,
159.031

 22, 51.030,

159.031

■ 12, 51.030,
159.031

■ 2, 51.030, 159.031

■ 92, 51.030,
159.031

■ 92, 51.030,
159.031

■ 91, 60.157,
157.633

■ 93, 40.836,
160.422

■ 90, 68.598,
155.951

■ 95, 30.317,
161.580

■ 89, 76.045,
154.053

■ 96, 19.477,
162.616

■ 89, 82.455,
151.939

■ 98, 8.484, 163.570

100, 0.012,

■ 89, 87.901,
149.649

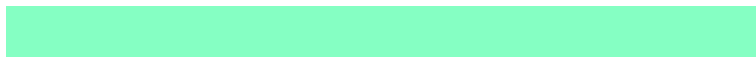
296.813

■ 89, 89.073,
149.131

Harmonies

Complementary

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



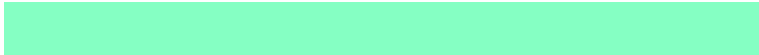
92, 51.030, 159.031



71, 53.794, 349.338

Rectangle

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



92, 51.030, 159.031



92, 51.030, 209.031



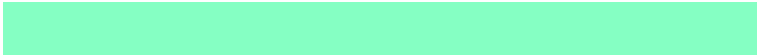
92, 51.030, 339.031



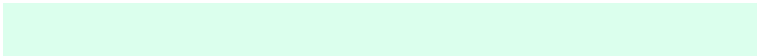
92, 51.030, 29.031

Sweetspot

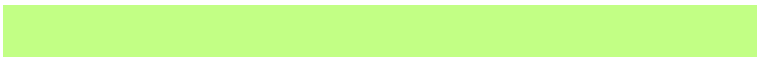
The Sweet Spot groups the original color and five complimentary colors.



92, 50.846, 159.115



97, 15.410, 162.976



94, 64.645, 126.832



51, 10.634, 162.768



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, 50.846, 159.115



91, 59.524, 157.744



93, 35.726, 197.226



52, 6.258, 163.401



68, 71.110, 149.564



23, 30.683, 152.798

Inverse Universe

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



71, 53.794, 349.338



66, 63.143, 350.865



69, 50.724, 24.775



50, 6.343, 344.927



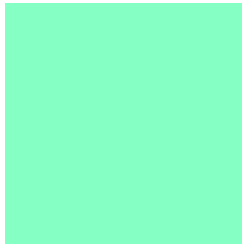
41, 68.157, 3.017



10, 31.783, 357.271

Previews

White Background



This preview shows how the CIE LCh color 92, 51.030, 159.031 looks on a white background.

Color Contrast Check

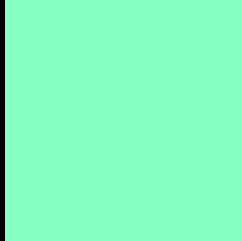
Large Text (above 18pt) WCAG AA × Fail

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, 51.030, 159.031 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, 51.030, 159.031

Background



This preview shows how black text looks on a background with the CIELCh color 92, 51.030, 159.031.

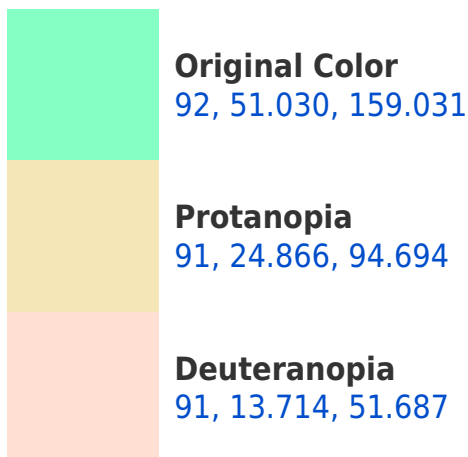


This preview shows how white text looks on a background with the CIELCh color 92, 51.030, 159.031.

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, 20.255, 219.400

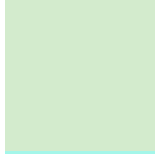
Trichromacy



Original Color
92, 51.030, 159.031



Protanomaly
91, 29.781, 133.888



Deuteranomaly
91, 17.863, 138.217

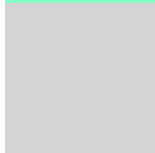


Tritanomaly
92, 27.715, 183.486

Monochromacy



Original Color
92, 51.030, 159.031



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 19.787, 162.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 51.030, 159.031 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(133, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 195)  
}
```

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(133, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 51.030, 159.031 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(133, 255, 195) }
```

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

```
.border{ border-color:rgb(133, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 51.030, 159.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 195) }
```

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

```
.background{ background-color: rgb(133,  
255, 195) }
```

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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