

Converting Colors

CIELCh(93, 25.140, 197.531)

Have a look what the booklet for
CIELCh(93, 25.140, 197.531)
contains.

CIELCh(93, 25.150, 197.838)	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(93, 25.150, 197.838)

Conversions

Conversions Part 1

Format	Color
Hex	AAF9F9
RGB	170, 249, 249
RGB Percent	67%, 98%, 98%
CMY	0.3341, 0.0244, 0.0244
CMYK	0.32, 0.00, 0.00, 0.02
HSL	180°, 86%, 82%
HSV	180°, 32%, 98%
XYZ	67.4065, 82.9670, 101.9086
YIQ	225.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

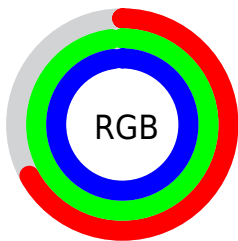
Format	Color
RYB	170, 210, 249
Decimal	11205113
CIELab	93.00, -23.94, -7.70
CIELCh	93, 25.150, 197.838
Yxy	82.9670, 0.2672, 0.3289
Android (android.graphics.Color)	4289395193 (0xFFAAF9F9)
YUV	225.3790, 11.6452, -48.5674
Hunter-Lab	91.0862, -27.3057, -2.5741

Details

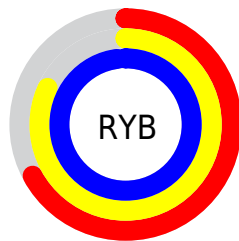
The CIELCh color **93, 25.150, 197.838** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 31.362, 22.164**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **73, 25.055, 198.769** is the 20% darker color. If you saturate the color by 10%, you get **92, 31.615, 197.433**, and if you desaturate by 10%, it is **94, 17.885, 198.297**.

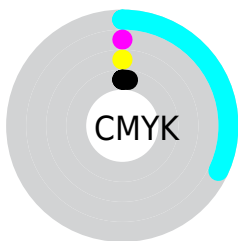
Distribution



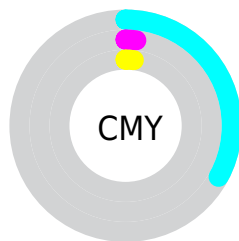
- Red (67%)
- Green (98%)
- Blue (98%)



- Red (67%)
- Yellow (82%)
- Blue (98%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (33%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 25.150, 197.838 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 93, 25.150, 197.838 by changing the saturation by 10% instead.


 93, 25.150,
197.838


 93, 25.150,
197.838


 100, 25.150,
197.838


 83, 25.150,
197.838

 73, 25.150,
197.838

 63, 25.150,
197.838

 53, 25.150,
197.838

 43, 25.150,
197.838

 33, 25.150,
197.838

 23, 25.150,

197.838

■ 13, 25.150,
197.838

■ 3, 25.150, 197.838

■ 93, 25.150,
197.838

■ 93, 25.150,
197.838

■ 92, 31.615,
197.433

■ 94, 17.885,
198.297

■ 91, 37.149,
197.096

■ 96, 9.961, 198.827

■ 90, 41.650,
196.827

■ 98, 1.521, 199.732

■ 98, 2.189, 19.243

■ 90, 45.060,
196.624

■ 98, 2.189, 19.233

■ 89, 47.383,
196.488

■ 98, 2.189, 19.224

■ 89, 48.694,
196.411

■ 98, 2.189, 19.214

■ 89, 49.189,
196.382

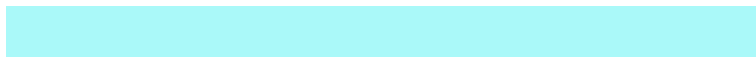
■ 98, 2.189, 19.205

■ 98, 2.189, 19.195

Harmonies

Complementary

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



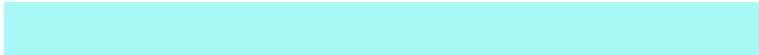
93, 25.150, 197.838



77, 31.362, 22.164

Rectangle

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



93, 25.150, 197.838



93, 25.150, 247.838



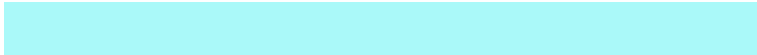
93, 25.150, 17.838



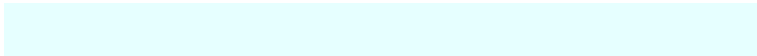
93, 25.150, 67.838

Sweetspot

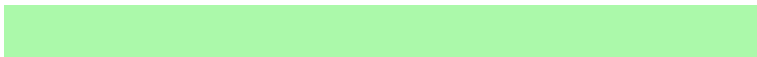
The Sweet Spot groups the original color and five complimentary colors.



93, 25.150, 197.835



98, 8.687, 198.930



91, 49.401, 141.778



52, 5.905, 198.847



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

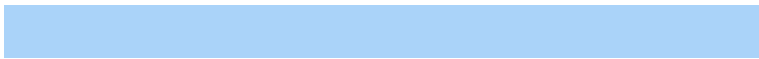
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 25.150, 197.835



94, 29.876, 197.575



83, 23.501, 258.665



51, 4.864, 198.961



69, 39.964, 196.382



23, 18.081, 196.382

Inverse Universe

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



77, 31.362, 22.164



75, 39.161, 23.057



86, 25.940, 69.693



49, 5.167, 19.939



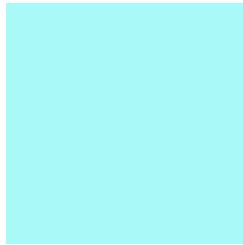
39, 83.390, 39.999



9, 32.195, 26.138

Previews

White Background



This preview shows how the CIE LCh color 93, 25.150, 197.838 looks on a white background.

Color Contrast Check

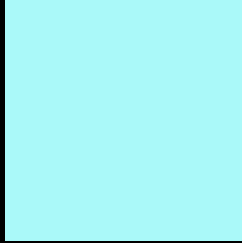
Large Text (above 18pt) WCAG AA × Fail

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 93, 25.150, 197.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

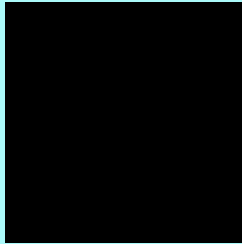
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

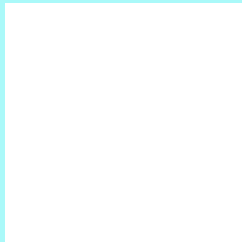
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 25.150, 197.838

Background



This preview shows how black text looks on a background with the CIELCh color 93, 25.150, 197.838.

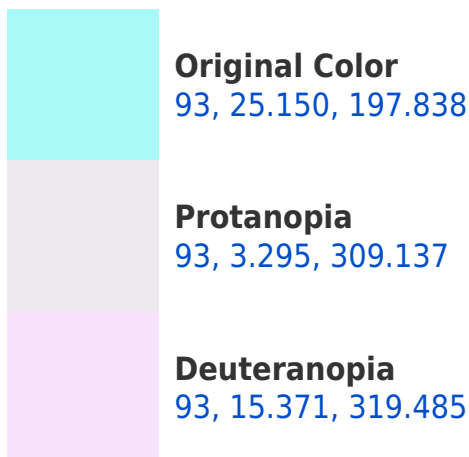


This preview shows how white text looks on a background with the CIELCh color 93, 25.150, 197.838.

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



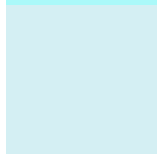


Tritanopia
93, 15.710, 224.023

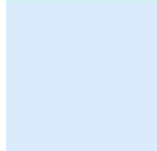
Trichromacy



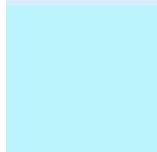
Original Color
93, 25.150, 197.838



Protanomaly
93, 9.393, 211.630



Deuteranomaly
92, 9.606, 258.871

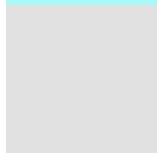


Tritanomaly
93, 18.607, 212.878

Monochromacy



Original Color
93, 25.150, 197.838



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 9.978, 198.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 25.150, 197.838 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(170, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(170, 249, 249)  
}
```

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(170, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 249, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 25.150, 197.838 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(170, 249, 249) }
```

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

```
.border{ border-color:rgb(170, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(170, 249,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 25.150, 197.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 249, 249) }
```

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

```
.background{ background-color: rgb(170,  
249, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor