

Converting Colors

CIELCh(97, 10.842, 206.280)

Have a look what the booklet for
CIELCh(97, 10.842, 206.280)
contains.

CIELCh(97, 10.860, 206.948)	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(97, 10.860, 206.948)

Conversions

Conversions Part 1

Format	Color
Hex	DCFCFF
RGB	220, 252, 255
RGB Percent	86%, 99%, 100%
CMY	0.1355, 0.0100, 0.0000
CMYK	0.14, 0.01, 0.00, 0.00
HSL	184°, 100%, 93%
HSV	184°, 14%, 100%
XYZ	82.7263, 92.4403, 108.4738
YIQ	242.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

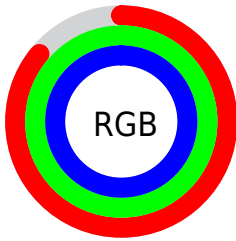
Format	Color
R _Y B	220, 237, 255
Decimal	14482687
CIE Lab	97.00, -9.68, -4.92
CIE LCh	97, 10.860, 206.948
Yxy	92.4403, 0.2917, 0.3259
Android (android.graphics.Color)	4292672767 (0xFFDCFCFF)
YUV	242.7740, 6.0274, -19.9728
Hunter-Lab	96.1459, -14.6696, 0.4099

Details

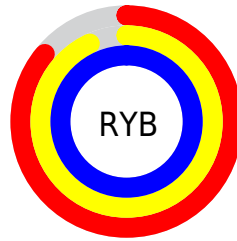
The CIELCh color **97, 10.860, 206.948** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 11.867, 26.496**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 10.604, 207.448** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.249, 205.501**, and if you desaturate by 10%, it is **99, 2.917, 206.124**.

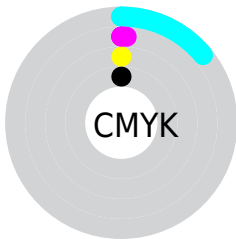
Distribution



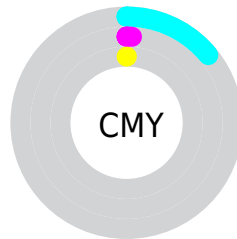
- Red (86%)
- Green (99%)
- Blue (100%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 10.860, 206.948 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 97, 10.860, 206.948 by changing the saturation by 10% instead.


 97, 10.860,
206.948


 97, 10.860,
206.948


 100, 10.860,
206.948


 87, 10.860,
206.948

 77, 10.860,
206.948

 67, 10.860,
206.948

 57, 10.860,
206.948

 47, 10.860,
206.948

 37, 10.860,
206.948

 27, 10.860,

206.948

■ 17, 10.860,
206.948

■ 7, 10.860, 206.948

■ 97, 10.860,
206.948

■ 97, 10.860,
206.948

■ 95, 18.249,
205.501

■ 99, 2.917, 206.124

■ 93, 24.994,
205.418

100, 0.012,
296.813

■ 91, 30.941,
205.464

■ 90, 35.962,
205.662

■ 89, 39.954,
206.038

■ 88, 42.856,
206.620

■ 87, 44.672,
207.433

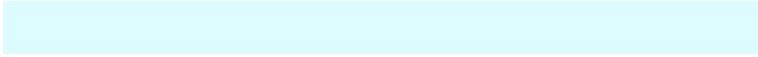
■ 86, 45.487,
208.497

■ 86, 45.625,
209.298

Harmonies

Complementary

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



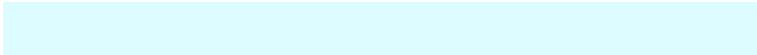
97, 10.860, 206.948



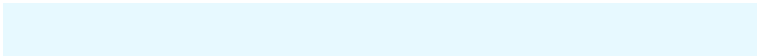
91, 11.867, 26.496

Rectangle

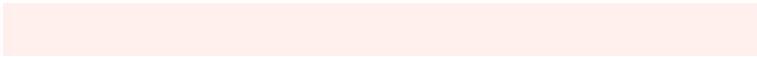
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



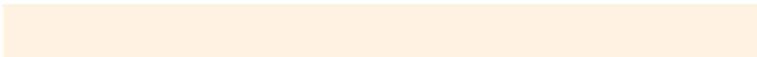
97, 10.860, 206.948



97, 10.860, 256.948



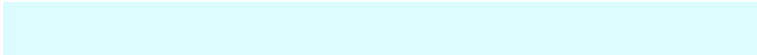
97, 10.860, 26.948



97, 10.860, 76.948

Sweetspot

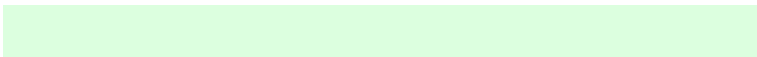
The Sweet Spot groups the original color and five complimentary colors.



97, 10.845, 205.701



99, 3.283, 206.085



97, 20.639, 145.446



53, 2.329, 206.032



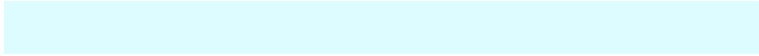
0, 0.000, 0.000



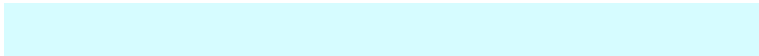
53, 0.007, 296.813

Same Dimension

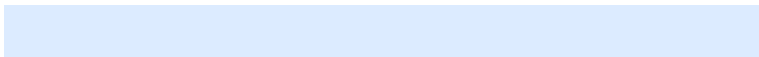
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 10.845, 205.701



96, 12.713, 205.641



93, 11.191, 264.204



52, 4.602, 205.821



66, 36.795, 209.054



22, 17.085, 207.390

Inverse Universe

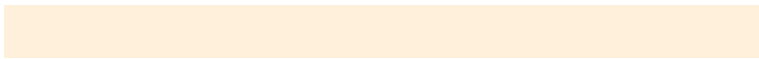
The Inverse Universe completely reimagines the original color for something new.



92, 20.572, 327.248



90, 24.316, 327.392



95, 11.418, 80.506



50, 8.613, 327.007



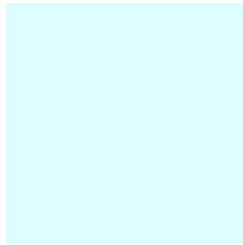
45, 87.851, 331.402



12, 40.698, 330.993

Previews

White Background



This preview shows how the CIE LCh color 97, 10.860, 206.948 looks on a white background.

Color Contrast Check

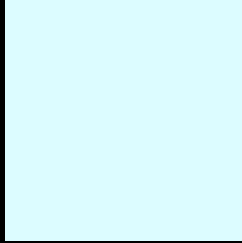
Large Text (above 18pt) WCAG AA × Fail

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 97, 10.860, 206.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

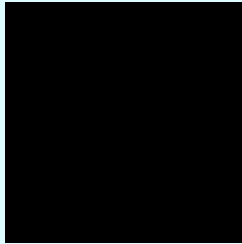
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

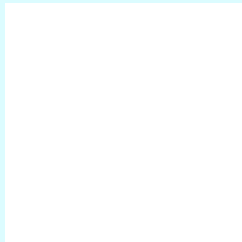
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 10.860, 206.948

Background



This preview shows how black text looks on a background with the CIELCh color 97, 10.860, 206.948.

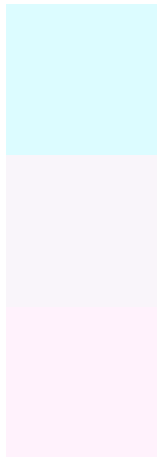


This preview shows how white text looks on a background with the CIELCh color 97, 10.860, 206.948.

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

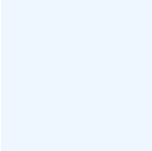
97, 10.860, 206.948

Protanopia

97, 2.940, 318.817

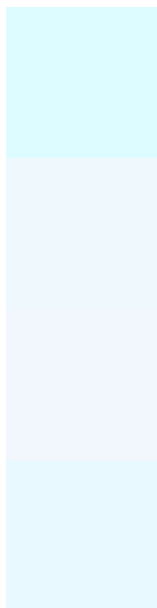
Deuteranopia

97, 6.894, 331.898



Tritanopia
97, 5.086, 253.088

Trichromacy



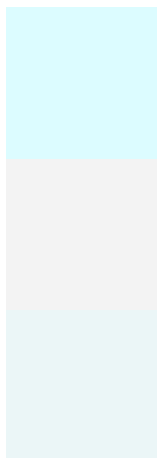
Original Color
97, 10.860, 206.948

Protanomaly
97, 3.695, 233.059

Deuteranomaly
97, 3.824, 269.265

Tritanomaly
97, 6.510, 227.355

Monochromacy



Original Color
97, 10.860, 206.948

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.844, 206.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 10.860, 206.948 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(220, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 252, 255)  
}
```

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(220, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 10.860, 206.948 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(220, 252, 255) }
```

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

```
.border{ border-color:rgb(220, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 252, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 252, 255); box-shadow:4px 4px 4px 4px rgb(220, 252, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 10.860, 206.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 252, 255) }
```

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

```
.background{ background-color: rgb(220,  
252, 255) }
```

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