

Converting Colors

CIELCh(100, 50.912, 285.082)

Have a look what the booklet for
CIELCh(100, 50.912, 285.082)
contains.

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Color

CIELCh(97, 9.322, 211.631)

Conversions

Conversions Part 1

Format	Color
Hex	E0FBFF
RGB	224, 251, 255
RGB Percent	88%, 98%, 100%
CMY	0.1198, 0.0139, 0.0000
CMYK	0.12, 0.01, 0.00, 0.00
HSL	187°, 100%, 94%
HSV	187°, 12%, 100%
XYZ	83.6360, 92.4403, 108.4206
YIQ	243.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

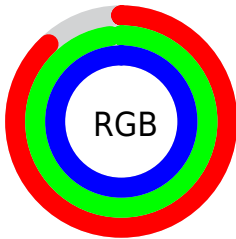
Format	Color
R _Y B	224, 238, 255
Decimal	14744575
CIE Lab	97.00, -7.94, -4.89
CIE LCh	97, 9.322, 211.631
Yxy	92.4403, 0.2940, 0.3249
Android (android.graphics.Color)	4292934655 (0xFFE0FBFF)
YUV	243.3830, 5.7272, -16.9989
Hunter-Lab	96.1459, -12.9805, 0.4427

Details

The CIELCh color `97, 9.322, 211.631` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `93, 10.054, 30.439`, 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, 9.026, 212.637` is the 20% darker color. If you saturate the color by 10%, you get `95, 16.514, 210.201`, and if you desaturate by 10%, it is `99, 1.577, 210.643`.

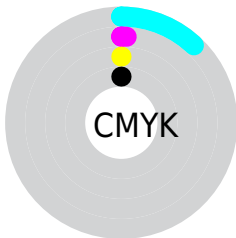
Distribution



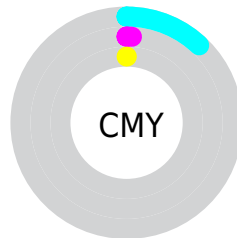
- Red (88%)
- Green (98%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.322, 211.631 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, 9.322, 211.631 by changing the saturation by 10% instead.

97, 9.322, 211.631

97, 9.322, 211.631

100, 9.322,
211.631

87, 9.322, 211.631

77, 9.322, 211.631

67, 9.322, 211.631

57, 9.322, 211.631

47, 9.322, 211.631

37, 9.322, 211.631

27, 9.322, 211.631

17, 9.322, 211.631

7, 9.322, 211.631

97, 9.322, 211.631

97, 9.322, 211.631

95, 16.514,
210.201

99, 1.577, 210.643

92, 23.129,
210.344

100, 0.012,
296.813

90, 29.001,
210.658

89, 34.002,
211.179

87, 38.026,
211.950

86, 41.003,
213.020

84, 42.927,
214.437

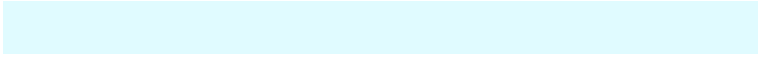
83, 43.872,
216.245

■ 83, 44.096,
217.957

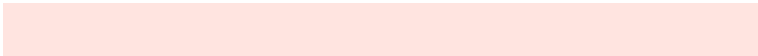
Harmonies

Complementary

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



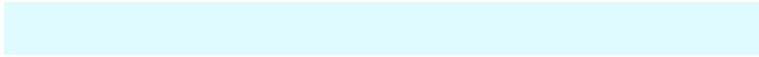
97, 9.322, 211.631



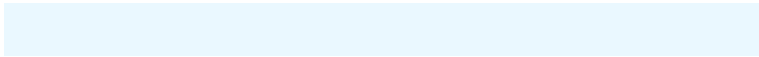
93, 10.054, 30.439

Rectangle

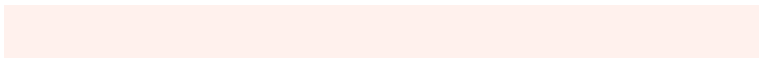
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 9.322, 211.631



97, 9.322, 261.631



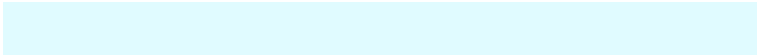
97, 9.322, 31.631



97, 9.322, 81.631

Sweetspot

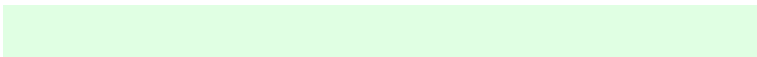
The Sweet Spot groups the original color and five complimentary colors.



97, 9.288, 210.210



99, 3.166, 210.407



97, 17.817, 146.534



53, 2.246, 210.366



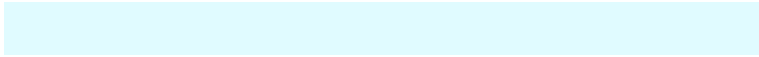
0, 0.000, 0.000



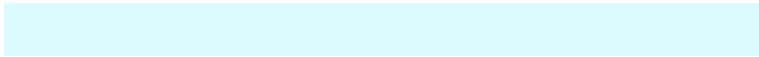
53, 0.007, 296.813

Same Dimension

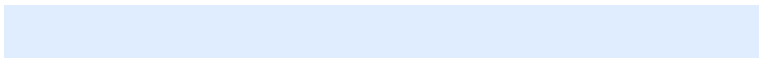
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 9.288, 210.210



97, 10.788, 210.196



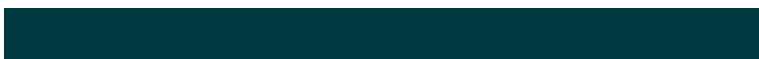
93, 10.237, 267.104



52, 4.437, 210.240



63, 35.557, 217.538



21, 16.509, 214.675

Inverse Universe

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



92, 17.651, 328.454



91, 20.642, 328.577



96, 10.356, 83.849



50, 8.363, 328.301



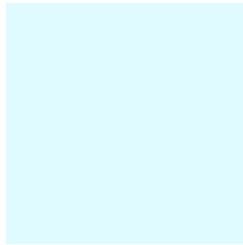
44, 84.966, 333.483



12, 39.518, 332.779

Previews

White Background



This preview shows how the CIELCh color 97, 9.322, 211.631 looks on a white background.

Color Contrast Check

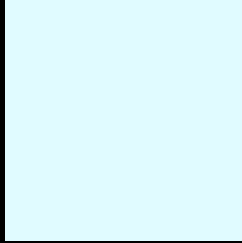
Large Text (above 18pt) WCAG AA × Fail

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, 9.322, 211.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

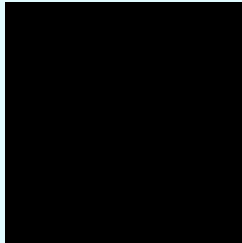
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 9.322, 211.631

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.322, 211.631.

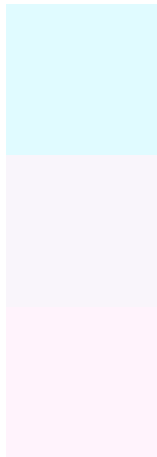


This preview shows how white text looks on a background with the CIELCh color 97, 9.322, 211.631.

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

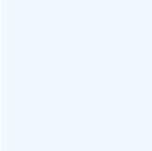
97, 9.322, 211.631

Protanopia

97, 3.397, 314.709

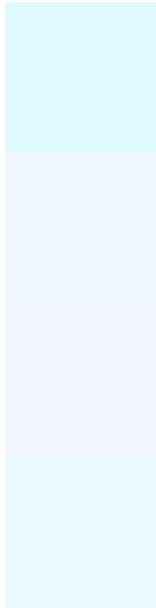
Deuteranopia

97, 6.275, 332.584



Tritanopia
97, 4.893, 256.310

Trichromacy



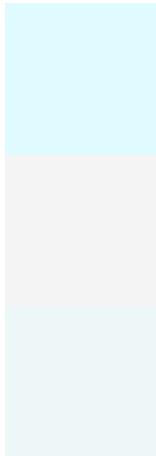
Original Color
97, 9.322, 211.631

Protanomaly
97, 3.496, 246.575

Deuteranomaly
97, 3.643, 279.508

Tritanomaly
97, 5.927, 230.456

Monochromacy



Original Color
97, 9.322, 211.631

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.501, 207.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.322, 211.631 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(224, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 251, 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(224, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.322, 211.631 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(224, 251, 255) }
```

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

```
.border{ border-color:rgb(224, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.322, 211.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 251, 255) }
```

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

```
.background{ background-color: rgb(224,  
251, 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](#).

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