

Converting Colors

CIE LCh(97, 9.511, 201.980)

Have a look what the booklet for
CIELCh(97, 9.511, 201.980) contains.

CIELCh(97, 9.518, 201.962)	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, 9.518, 201.962)

Conversions

Conversions Part 1

Format	Color
Hex	E0FCFD
RGB	224, 252, 253
RGB Percent	88%, 99%, 99%
CMY	0.1221, 0.0123, 0.0084
CMYK	0.11, 0.00, 0.00, 0.01
HSL	182°, 87%, 93%
HSV	182°, 11%, 99%
XYZ	83.1708, 92.4403, 106.2701
YIQ	243.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

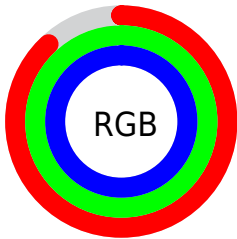
Format	Color
RYB	224, 238, 253
Decimal	14744829
CIELab	97.00, -8.83, -3.56
CIELCh	97, 9.518, 201.962
Yxy	92.4403, 0.2951, 0.3279
Android (android.graphics.Color)	4292934909 (0xFFE0FCFD)
YUV	243.7420, 4.5642, -17.3137
Hunter-Lab	96.1459, -13.8443, 1.7688

Details

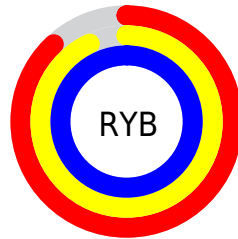
The CIELCh color **97, 9.518, 201.962** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 10.257, 22.926**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 9.219, 202.111** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.281, 201.552**, and if you desaturate by 10%, it is **99, 1.248, 202.834**.

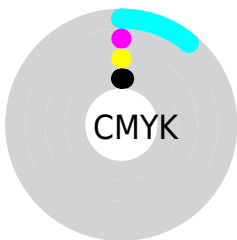
Distribution



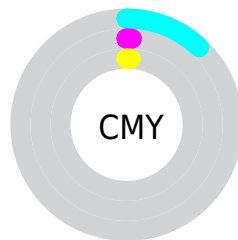
- Red (88%)
- Green (99%)
- Blue (99%)



- Red (88%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.518, 201.962 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, 9.518, 201.962 by changing the saturation by 10% instead.

97, 9.518, 201.962

97, 9.518, 201.962

100, 9.518,
201.962

87, 9.518, 201.962

77, 9.518, 201.962

67, 9.518, 201.962

57, 9.518, 201.962

47, 9.518, 201.962

37, 9.518, 201.962

27, 9.518, 201.962

17, 9.518, 201.962

7, 9.518, 201.962

97, 9.518, 201.962

97, 9.518, 201.962

95, 17.281,
201.552

99, 1.248, 202.834

94, 24.396,
201.244

100, 0.608, 56.324

100, 0.825, 97.050

92, 30.723,
201.025

100, 1.074,
110.026

91, 36.129,
200.906

90, 40.505,
200.898

89, 43.787,
201.013

89, 45.968,
201.261

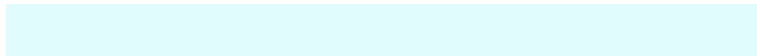
88, 47.117,
201.645

■ 88, 47.462,
202.067

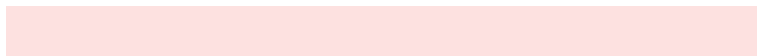
Harmonies

Complementary

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



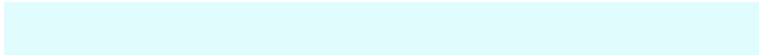
97, 9.518, 201.962



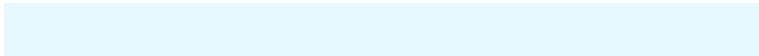
92, 10.257, 22.926

Rectangle

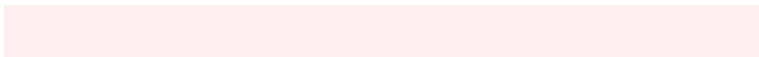
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 9.518, 201.962



97, 9.518, 251.962



97, 9.518, 21.962



97, 9.518, 71.962

Sweetspot

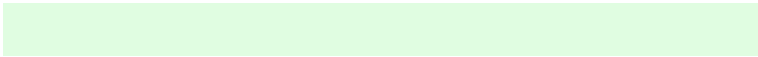
The Sweet Spot groups the original color and five complimentary colors.



97, 9.519, 201.950



99, 2.561, 202.496



97, 17.732, 144.659



53, 1.938, 202.406



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

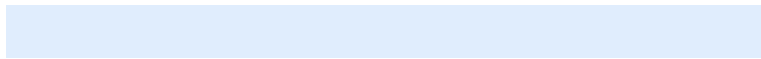
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 9.519, 201.950



97, 11.617, 201.839



93, 9.114, 260.548



52, 4.777, 202.043



68, 38.501, 201.967



23, 17.808, 201.265

Inverse Universe

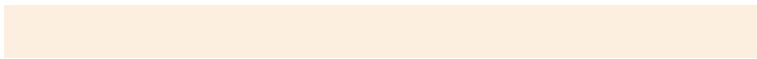
The Inverse Universe completely reimagines the original color for something new.



92, 17.745, 325.997



91, 21.837, 326.143



95, 9.318, 77.451



50, 8.848, 325.883



45, 90.605, 329.650



12, 41.818, 329.473

Previews

White Background



This preview shows how the CIELCh color 97, 9.518, 201.962 looks on a white background.

Color Contrast Check

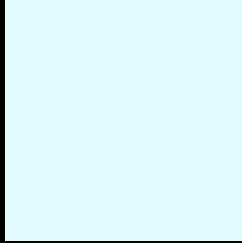
Large Text (above 18pt) WCAG AA × Fail

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, 9.518, 201.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

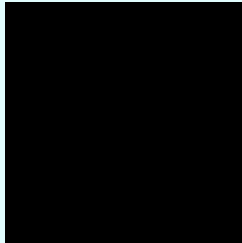
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

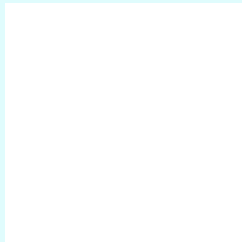
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 9.518, 201.962

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.518, 201.962.

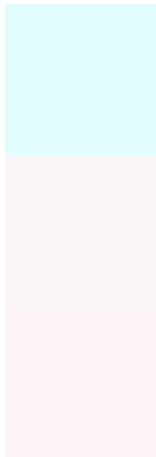


This preview shows how white text looks on a background with the CIELCh color 97, 9.518, 201.962.

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

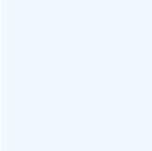
97, 9.518, 201.962

Protanopia

97, 2.503, 324.409

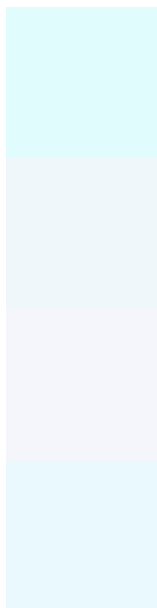
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 4.893, 256.310

Trichromacy



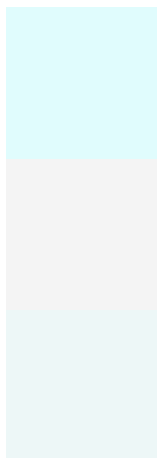
Original Color
97, 9.518, 201.962

Protanomaly
97, 2.855, 232.048

Deuteranomaly
97, 2.648, 275.179

Tritanomaly
97, 6.000, 224.468

Monochromacy



Original Color
97, 9.518, 201.962

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.477, 199.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.518, 201.962 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, 252, 253)` looks like.

```
.text, #text, p{  
    color:rgb(224, 252, 253)  
}
```

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, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.518, 201.962 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, 252, 253) }
```

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

```
.border{ border-color:rgb(224, 252, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 252, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(224, 252,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.518, 201.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 252, 253) }
```

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

```
.background{ background-color: rgb(224,  
252, 253) }
```

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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