

Converting Colors

CIELCh(99, 29.723, 276.319)

Have a look what the booklet for
CIELCh(99, 29.723, 276.319)
contains.

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Color

CIE LCh(97, 9.198, 205.301)

Conversions

Conversions Part 1

Format	Color
Hex	E1FCFE
RGB	225, 252, 254
RGB Percent	88%, 99%, 100%
CMY	0.1191, 0.0133, 0.0055
CMYK	0.11, 0.01, 0.00, 0.01
HSL	184°, 91%, 94%
HSV	184°, 11%, 99%
XYZ	83.4380, 92.4403, 106.8680
YIQ	244.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

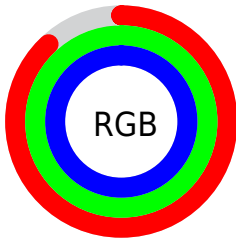
Format	Color
R_{YB}	225, 239, 254
Decimal	14810366
CIE _{Lab}	97.00, -8.32, -3.93
CIE _{LCh}	97, 9.198, 205.301
Yxy	92.4403, 0.2951, 0.3269
Android (android.graphics.Color)	4293000446 (0xFFE1FCFE)
YUV	244.1550, 4.8536, -16.7989
Hunter-Lab	96.1459, -13.3482, 1.4001

Details

The CIELCh color `97, 9.198, 205.301` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 9.917, 25.953`, 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, 8.893, 205.755` is the 20% darker color. If you saturate the color by 10%, you get `95, 16.724, 205.041`, and if you desaturate by 10%, it is `99, 1.177, 206.071`.

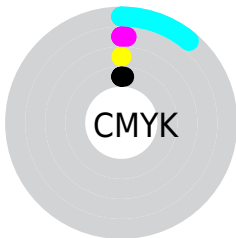
Distribution



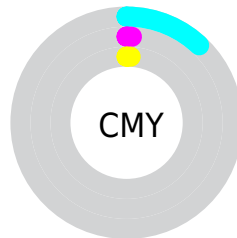
- Red (88%)
- Green (99%)
- Blue (100%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.198, 205.301 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, 9.198, 205.301 by changing the saturation by 10% instead.

 97, 9.198, 205.301

 97, 9.198, 205.301

 100, 9.198,
205.301

 87, 9.198, 205.301

 77, 9.198, 205.301

 67, 9.198, 205.301

 57, 9.198, 205.301

 47, 9.198, 205.301

 37, 9.198, 205.301

 27, 9.198, 205.301

 17, 9.198, 205.301

 7, 9.198, 205.301

97, 9.198, 205.301

97, 9.198, 205.301

95, 16.724,
205.041

99, 1.177, 206.071

93, 23.620,
204.907

100, 0.702,
110.015

92, 29.749,
204.894

90, 34.978,
205.022

89, 39.197,
205.314

88, 42.337,
205.796

87, 44.387,
206.491

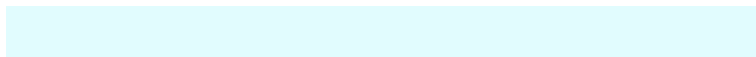
86, 45.413,
207.420

■ 86, 45.656,
208.387

Harmonies

Complementary

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



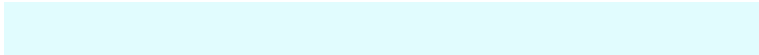
97, 9.198, 205.301



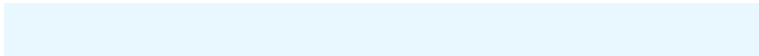
92, 9.917, 25.953

Rectangle

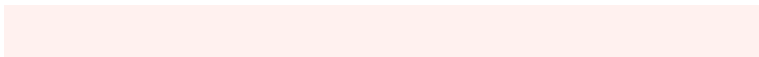
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



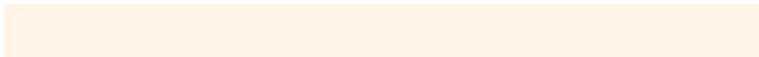
97, 9.198, 205.301



97, 9.198, 255.301



97, 9.198, 25.301



97, 9.198, 75.301

Sweetspot

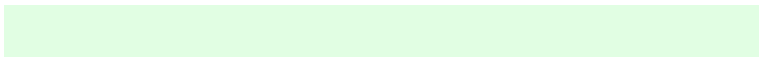
The Sweet Spot groups the original color and five complimentary colors.



97, 9.199, 205.288



99, 2.479, 205.725



97, 17.305, 145.596



53, 1.875, 205.644



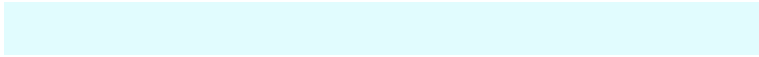
0, 0.000, 0.000



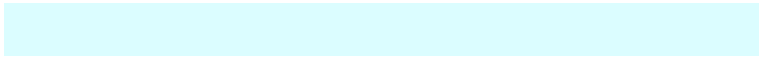
53, 0.007, 296.813

Same Dimension

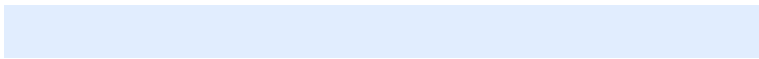
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 9.199, 205.288



97, 11.239, 205.212



93, 9.394, 263.885



52, 4.622, 205.353



66, 36.973, 208.166



22, 17.162, 206.625

Inverse Universe

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



92, 17.307, 326.983



91, 21.328, 327.135



96, 9.548, 80.777



50, 8.641, 326.869



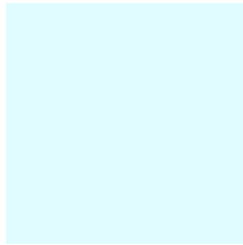
45, 88.177, 331.184



12, 40.831, 330.805

Previews

White Background



This preview shows how the CIELCh color 97, 9.198, 205.301 looks on a white background.

Color Contrast Check

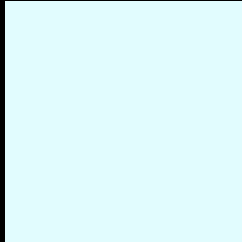
Large Text (above 18pt) WCAG AA × Fail

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, 9.198, 205.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

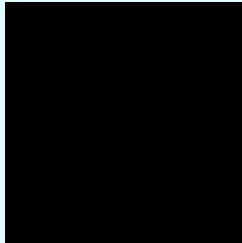
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 9.198, 205.301

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.198, 205.301.

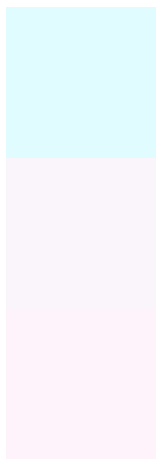


This preview shows how white text looks on a background with the CIELCh color 97, 9.198, 205.301.

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, 9.203, 205.300

Protanopia

97, 2.940, 318.817

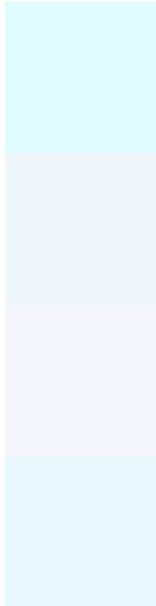
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.893, 256.310

Trichromacy



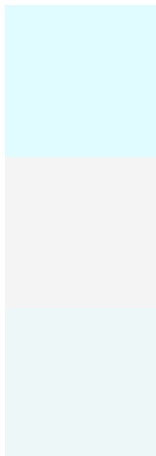
Original Color
97, 9.203, 205.300

Protanomaly
97, 3.150, 240.044

Deuteranomaly
97, 3.144, 277.680

Tritanomaly
97, 5.697, 225.933

Monochromacy



Original Color
97, 9.203, 205.300

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, 9.198, 205.301 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(225, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(225, 252, 254)  
}
```

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(225, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.198, 205.301 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(225, 252, 254) }
```

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

```
.border{ border-color:rgb(225, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(225, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.198, 205.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 252, 254) }
```

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

```
.background{ background-color: rgb(225,  
252, 254) }
```

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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