

Converting Colors

CIELCh(97, 9.455, 212.078)

Have a look what the booklet for
CIELCh(97, 9.455, 212.078) contains.

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Color

CIELCh(97, 9.570, 208.137)

Conversions

Conversions Part 1

Format	Color
Hex	E0FCFF
RGB	224, 252, 255
RGB Percent	88%, 99%, 100%
CMY	0.1227, 0.0129, 0.0011
CMYK	0.12, 0.01, 0.00, 0.00
HSL	186°, 98%, 94%
HSV	186°, 12%, 100%
XYZ	83.3735, 92.4403, 107.8096
YIQ	243.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

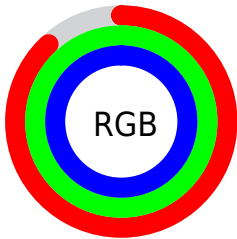
Format	Color
R _Y B	224, 239, 255
Decimal	14744831
CIE Lab	97.00, -8.44, -4.51
CIE LCh	97, 9.570, 208.137
Yxy	92.4403, 0.2940, 0.3259
Android (android.graphics.Color)	4292934911 (0xFFE0FCFF)
YUV	243.9700, 5.4378, -17.5137
Hunter-Lab	96.1459, -13.4679, 0.8195

Details

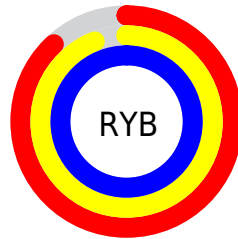
The CIELCh color `97, 9.570, 208.137` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 10.374, 28.570`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 9.275, 208.815` is the 20% darker color. If you saturate the color by 10%, you get `95, 16.896, 208.020`, and if you desaturate by 10%, it is `99, 1.750, 208.603`.

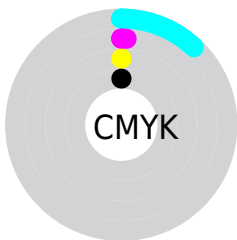
Distribution



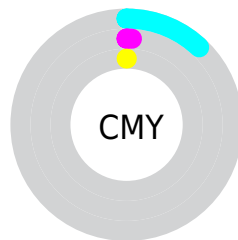
- Red (88%)
- Green (99%)
- Blue (100%)



- Red (88%)
- Yellow (94%)
- 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, 9.570, 208.137 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, 9.570, 208.137 by changing the saturation by 10% instead.

97, 9.570, 208.137

97, 9.570, 208.137

100, 9.570,
208.137

87, 9.570, 208.137

77, 9.570, 208.137

67, 9.570, 208.137

57, 9.570, 208.137

47, 9.570, 208.137

37, 9.570, 208.137

27, 9.570, 208.137

17, 9.570, 208.137

7, 9.570, 208.137

97, 9.570, 208.137

97, 9.570, 208.137

95, 16.896,
208.020

99, 1.750, 208.603

93, 23.596,
208.050

100, 0.136,
109.599

91, 29.536,
208.232

89, 34.585,
208.593

88, 38.637,
209.168

87, 41.625,
209.997

85, 43.539,
211.119

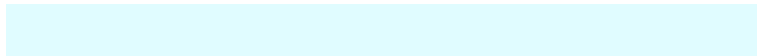
85, 44.456,
212.565

■ 84, 44.644,
213.906

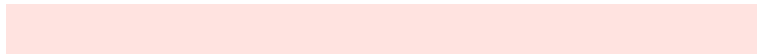
Harmonies

Complementary

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



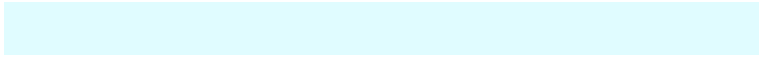
97, 9.570, 208.137



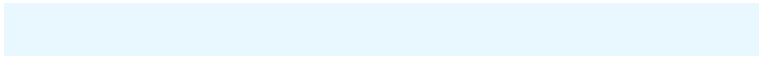
92, 10.374, 28.570

Rectangle

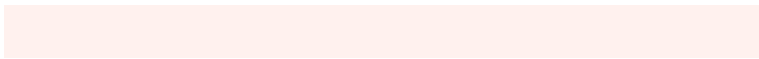
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



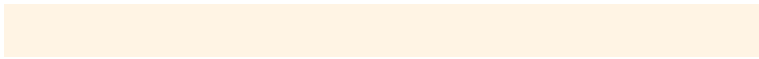
97, 9.570, 208.137



97, 9.570, 258.137



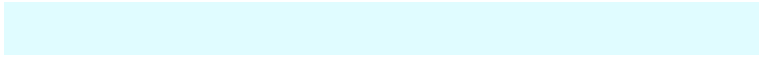
97, 9.570, 28.137



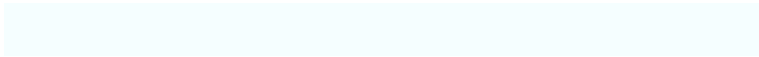
97, 9.570, 78.137

Sweetspot

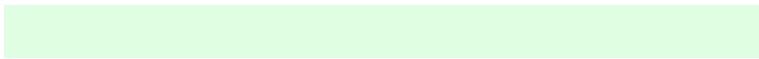
The Sweet Spot groups the original color and five complimentary colors.



97, 9.571, 208.125



99, 3.217, 208.393



97, 18.289, 146.027



53, 2.282, 208.346



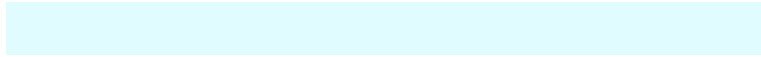
0, 0.000, 0.000



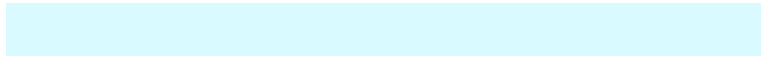
53, 0.007, 296.813

Same Dimension

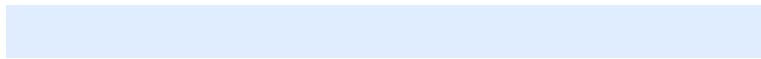
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 9.571, 208.125



96, 11.712, 208.080



93, 10.209, 265.589



52, 4.509, 208.180



65, 36.036, 213.570



21, 16.743, 211.270

Inverse Universe

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



92, 18.152, 327.861



91, 22.427, 328.032



96, 10.360, 82.277



50, 8.477, 327.700



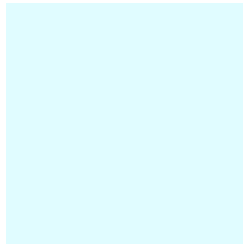
44, 86.270, 332.508



12, 40.052, 331.945

Previews

White Background



This preview shows how the CIELCh color 97, 9.570, 208.137 looks on a white background.

Color Contrast Check

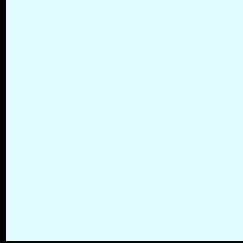
Large Text (above 18pt) WCAG AA × Fail

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, 9.570, 208.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

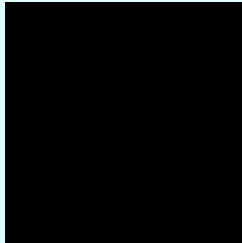
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

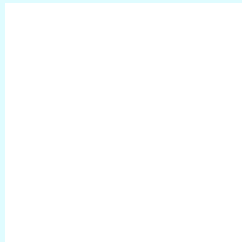
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 9.570, 208.137

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.570, 208.137.

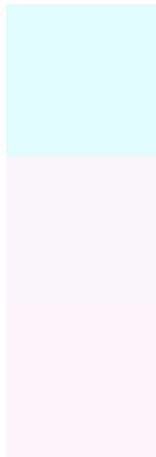


This preview shows how white text looks on a background with the CIELCh color 97, 9.570, 208.137.

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

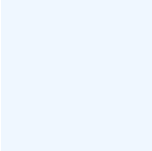
97, 9.570, 208.137

Protanopia

97, 3.397, 314.709

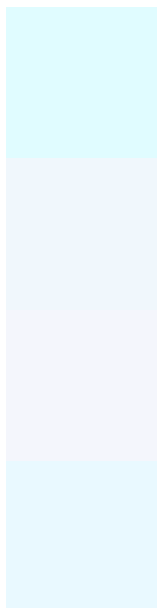
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.893, 256.310

Trichromacy



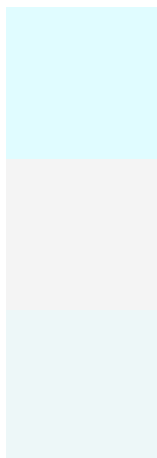
Original Color
97, 9.570, 208.137

Protanomaly
97, 3.496, 246.575

Deuteranomaly
97, 3.144, 277.680

Tritanomaly
97, 6.217, 228.833

Monochromacy



Original Color
97, 9.570, 208.137

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, 9.570, 208.137 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.570, 208.137 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, 255) }
```

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

```
.border{ border-color:rgb(224, 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(224, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.570, 208.137 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, 255) }
```

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

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

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