

Converting Colors

CIELCh(97, 11.234, 206.283)

Have a look what the booklet for
CIELCh(97, 11.234, 206.283)
contains.

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Color

CIElCh(97, 11.472, 203.881)

Conversions

Conversions Part 1

Format	Color
Hex	DBFDFF
RGB	219, 253, 255
RGB Percent	86%, 99%, 100%
CMY	0.1416, 0.0082, 0.0004
CMYK	0.14, 0.01, 0.00, 0.00
HSL	183°, 99%, 93%
HSV	183°, 14%, 100%
XYZ	82.3064, 92.4403, 108.0227
YIQ	243.0620, -20.9060, -6.5860

Conversions

Conversions Part 2

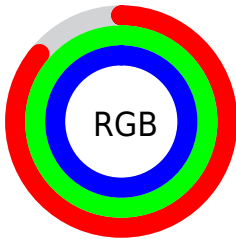
Format	Color
R _Y B	219, 236, 255
Decimal	14417407
CIE _{Lab}	97.00, -10.49, -4.64
CIE _{LCh}	97, 11.472, 203.881
Y _{xy}	92.4403, 0.2911, 0.3269
Android (android.graphics.Color)	4292607487 (0xFFDBFDFF)
YUV	243.0620, 5.8854, -21.1024
Hunter-Lab	96.1459, -15.4491, 0.6880

Details

The CIELCh color **97, 11.472, 203.881** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.600, 24.920**, 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, 11.232, 204.120** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.967, 203.593**, and if you desaturate by 10%, it is **99, 3.439, 204.334**.

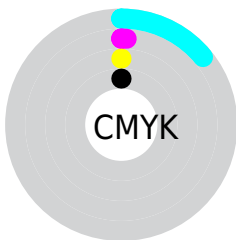
Distribution



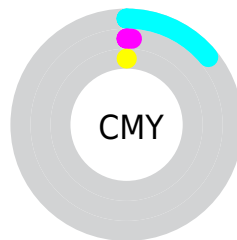
- Red (86%)
- Green (99%)
- Blue (100%)



- 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, 11.472, 203.881 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, 11.472, 203.881 by changing the saturation by 10% instead.

97, 11.472,
203.881

97, 11.472,
203.881

100, 11.472,
203.881

87, 11.472,
203.881

77, 11.472,
203.881

67, 11.472,
203.881

57, 11.472,
203.881

47, 11.472,
203.881

37, 11.472,
203.881

27, 11.472,

203.881

■ 17, 11.472,
203.881

■ 7, 11.472, 203.881

■ 97, 11.472,
203.881

■ 97, 11.472,
203.881

■ 95, 18.967,
203.593

■ 99, 3.439, 204.334

■ 93, 25.784,
203.418

100, 0.042,
108.315

■ 92, 31.784,
203.354

■ 91, 36.838,
203.419

■ 90, 40.844,
203.632

■ 89, 43.750,
204.014

■ 88, 45.564,
204.580

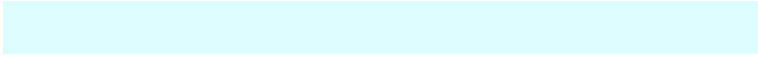
■ 87, 46.377,
205.342

■ 87, 46.519,
205.864

Harmonies

Complementary

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



97, 11.472, 203.881



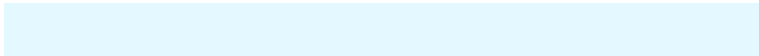
91, 12.600, 24.920

Rectangle

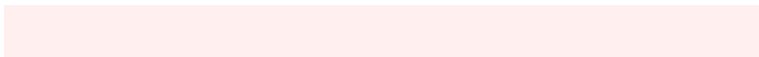
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 11.472, 203.881



97, 11.472, 253.881



97, 11.472, 23.881



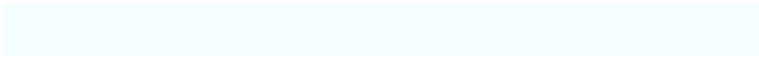
97, 11.472, 73.881

Sweetspot

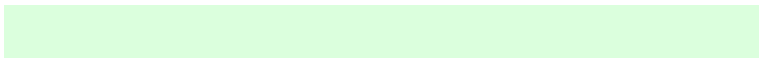
The Sweet Spot groups the original color and five complimentary colors.



97, 11.473, 203.871



99, 3.338, 204.344



97, 21.760, 144.934



53, 2.368, 204.286



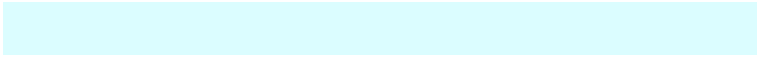
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

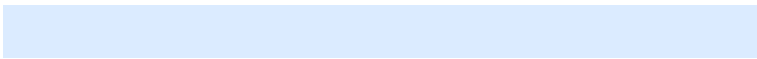
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 11.473, 203.871



96, 13.695, 203.780



92, 11.470, 262.646



52, 4.680, 204.041



67, 37.522, 205.689



22, 17.397, 204.489

Inverse Universe

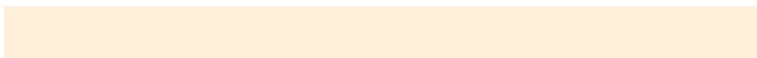
The Inverse Universe completely reimagines the original color for something new.



91, 21.707, 326.751



90, 26.166, 326.919



95, 11.757, 78.796



50, 8.721, 326.480



45, 89.112, 330.574



12, 41.212, 330.277

Previews

White Background



This preview shows how the CIE LCh color 97, 11.472, 203.881 looks on a white background.

Color Contrast Check

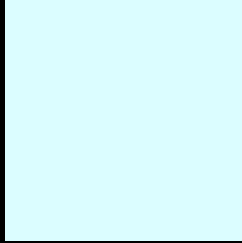
Large Text (above 18pt) WCAG AA × Fail

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, 11.472, 203.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

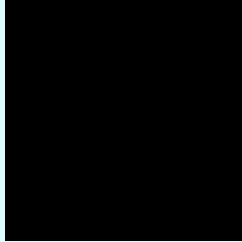
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

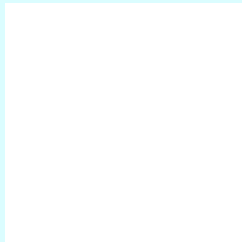
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 11.472, 203.881

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.472, 203.881.

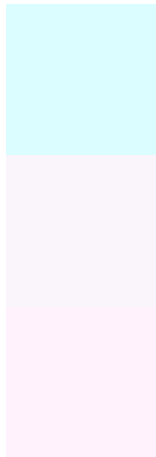


This preview shows how white text looks on a background with the CIELCh color 97, 11.472, 203.881.

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, 11.472, 203.881

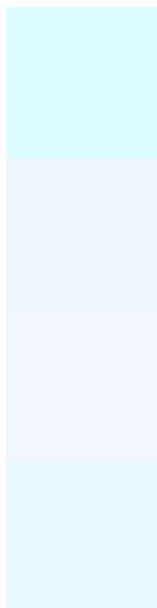
Protanopia
97, 2.940, 318.817

Deuteranopia
97, 6.894, 331.898



Tritanopia
97, 4.917, 246.167

Trichromacy



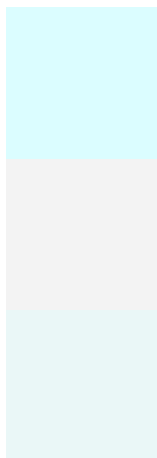
Original Color
97, 11.472, 203.881

Protanomaly
97, 3.984, 230.308

Deuteranomaly
97, 3.824, 269.265

Tritanomaly
97, 6.917, 220.851

Monochromacy



Original Color
97, 11.472, 203.881

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.508, 199.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 11.472, 203.881 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(219, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 253, 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(219, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.472, 203.881 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(219, 253, 255) }
```

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

```
.border{ border-color:rgb(219, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.472, 203.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 253, 255) }
```

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

```
.background{ background-color: rgb(219,  
253, 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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