

Converting Colors

CIELCh(97, 11.630, 201.732)

Have a look what the booklet for
CIELCh(97, 11.630, 201.732)
contains.

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Color

CIELCh(97, 11.471, 201.305)

Conversions

Conversions Part 1

Format	Color
Hex	DBFD FE
RGB	219, 253, 254
RGB Percent	86%, 99%, 100%
CMY	0.1413, 0.0079, 0.0040
CMYK	0.14, 0.00, 0.00, 0.00
HSL	182°, 94%, 93%
HSV	182°, 14%, 100%
XYZ	82.2042, 92.4403, 107.2504
YIQ	242.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

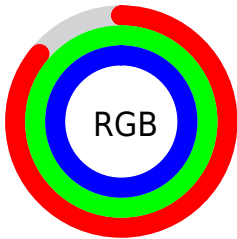
Format	Color
R _Y B	219, 236, 254
Decimal	14417406
CIE Lab	97.00, -10.69, -4.17
CIE LCh	97, 11.471, 201.305
Yxy	92.4403, 0.2916, 0.3279
Android (android.graphics.Color)	4292607486 (0xFFDBFD FE)
YUV	242.9480, 5.4486, -21.0024
Hunter-Lab	96.1459, -15.6387, 1.1643

Details

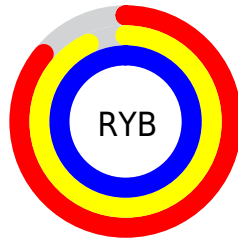
The CIELCh color **97, 11.471, 201.305** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 12.557, 22.595**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 11.234, 201.351** is the 20% darker color. If you saturate the color by 10%, you get **95, 19.170, 200.895**, and if you desaturate by 10%, it is **99, 3.230, 201.877**.

Distribution



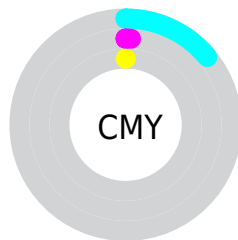
- Red (86%)
- Green (99%)
- Blue (100%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 11.471, 201.305 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, 11.471, 201.305 by changing the saturation by 10% instead.


 97, 11.471,
201.305


 97, 11.471,
201.305


 100, 11.471,
201.305


 87, 11.471,
201.305

 77, 11.471,
201.305

 67, 11.471,
201.305

 57, 11.471,
201.305

 47, 11.471,
201.305

 37, 11.471,
201.305

 27, 11.471,

201.305

■ 17, 11.471,
201.305

■ 7, 11.471, 201.305

■ 97, 11.471,
201.305

■ 97, 11.471,
201.305

■ 95, 19.170,
200.895

■ 99, 3.230, 201.877

100, 0.295, 66.578

■ 94, 26.183,
200.578

100, 0.510,
109.988

■ 93, 32.368,
200.346

■ 91, 37.597,
200.210

■ 91, 41.770,
200.180

■ 90, 44.835,
200.265

■ 89, 46.803,
200.471

■ 89, 47.764,
200.798

■ 89, 47.992,
201.050

Harmonies

Complementary

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



97, 11.471, 201.305



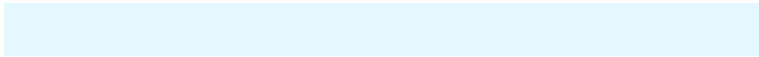
90, 12.557, 22.595

Rectangle

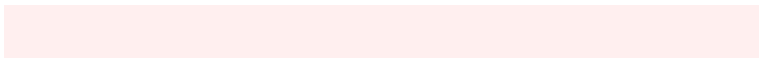
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 11.471, 201.305



97, 11.471, 251.305



97, 11.471, 21.305



97, 11.471, 71.305

Sweetspot

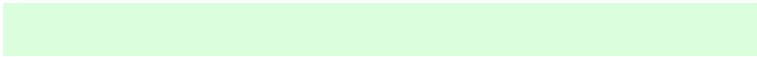
The Sweet Spot groups the original color and five complimentary colors.



97, 11.472, 201.295



99, 3.426, 201.855



96, 21.658, 144.046



53, 2.431, 201.791



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

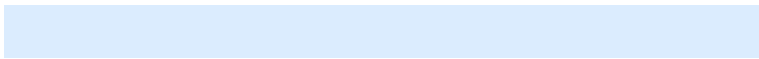
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 11.472, 201.295



97, 14.062, 201.157



93, 10.821, 259.143



52, 4.805, 201.500



69, 38.799, 200.968



23, 17.931, 200.396

Inverse Universe

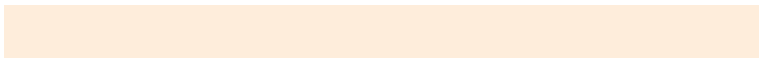
The Inverse Universe completely reimagines the original color for something new.



91, 21.509, 325.966



90, 26.651, 326.150



95, 11.164, 75.440



50, 8.884, 325.719



45, 91.026, 329.399



12, 41.989, 329.255

Previews

White Background



This preview shows how the CIE LCh color 97, 11.471, 201.305 looks on a white background.

Color Contrast Check

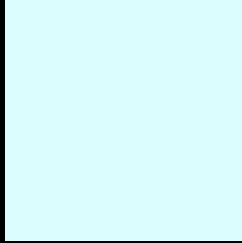
Large Text (above 18pt) WCAG AA × Fail

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, 11.471, 201.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

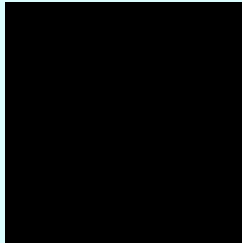
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 11.471, 201.305

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.471, 201.305.

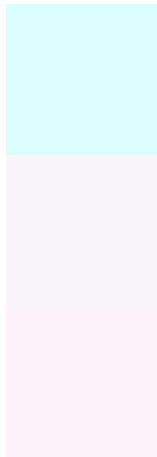


This preview shows how white text looks on a background with the CIELCh color 97, 11.471, 201.305.

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, 11.471, 201.305

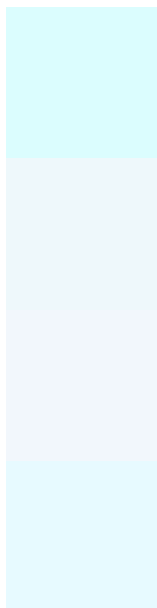
Protanopia
97, 2.503, 324.409

Deuteranopia
97, 5.909, 335.926



Tritanopia
97, 4.917, 246.167

Trichromacy



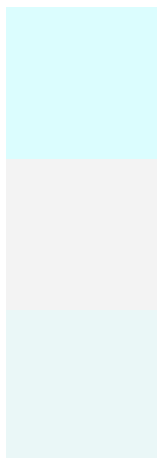
Original Color
97, 11.471, 201.305

Protanomaly
97, 3.760, 223.478

Deuteranomaly
97, 3.071, 256.057

Tritanomaly
97, 6.917, 220.851

Monochromacy



Original Color
97, 11.471, 201.305

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, 11.471, 201.305 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(219, 253, 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(219, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.471, 201.305 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, 254) }
```

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

```
.border{ border-color:rgb(219, 253, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(219, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.471, 201.305 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, 254) }
```

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

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