

Converting Colors

CIELCh(97, 11.141, 200.974)

Have a look what the booklet for
CIELCh(97, 11.141, 200.974)
contains.

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Color

CIECh(97, 11.146, 201.401)

Conversions

Conversions Part 1

Format	Color
Hex	DCFD FE
RGB	220, 253, 254
RGB Percent	86%, 99%, 100%
CMY	0.1381, 0.0087, 0.0048
CMYK	0.13, 0.00, 0.00, 0.00
HSL	182°, 93%, 93%
HSV	182°, 13%, 100%
XYZ	82.3646, 92.4403, 107.0877
YIQ	243.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

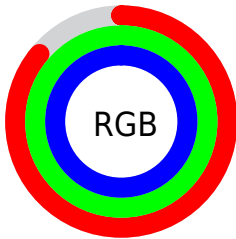
Format	Color
R _{YB}	220, 237, 254
Decimal	14482942
CIE _{Lab}	97.00, -10.38, -4.07
CIE _{LCh}	97, 11.146, 201.401
Yxy	92.4403, 0.2922, 0.3279
Android (android.graphics.Color)	4292673022 (0xFFDCFD _{FE})
YUV	243.2470, 5.3012, -20.3876
Hunter-Lab	96.1459, -15.3410, 1.2647

Details

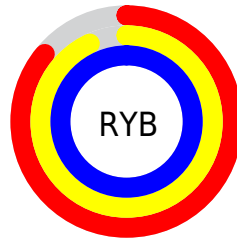
The CIELCh color **97, 11.146, 201.401** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.169, 22.637**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 10.900, 201.461** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.858, 200.991**, and if you desaturate by 10%, it is **99, 2.898, 201.993**.

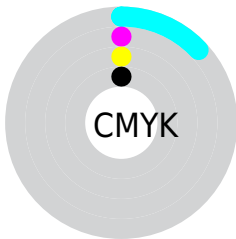
Distribution



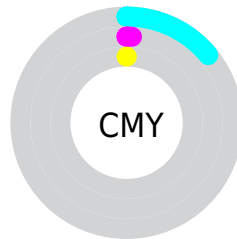
- Red (86%)
- Green (99%)
- Blue (100%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 11.146, 201.401 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, 11.146, 201.401 by changing the saturation by 10% instead.


 97, 11.146,
201.401


 97, 11.146,
201.401


 100, 11.146,
201.401


 87, 11.146,
201.401

 77, 11.146,
201.401

 67, 11.146,
201.401

 57, 11.146,
201.401

 47, 11.146,
201.401

 37, 11.146,
201.401

 27, 11.146,

201.401

■ 17, 11.146,
201.401

■ 7, 11.146, 201.401

■ 97, 11.146,
201.401

■ 97, 11.146,
201.401

■ 95, 18.858,
200.991

■ 99, 2.898, 201.993

100, 0.345, 62.942

■ 94, 25.889,
200.675

100, 0.604,
110.005

■ 92, 32.099,
200.444

■ 91, 37.359,
200.310

■ 90, 41.568,
200.283

■ 90, 44.670,
200.372

■ 89, 46.674,
200.583

■ 89, 47.667,
200.918

■ 89, 47.912,
201.194

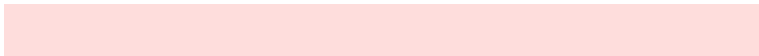
Harmonies

Complementary

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



97, 11.146, 201.401



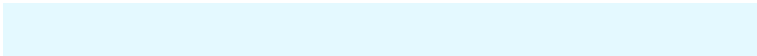
91, 12.169, 22.637

Rectangle

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



97, 11.146, 201.401



97, 11.146, 251.401



97, 11.146, 21.401



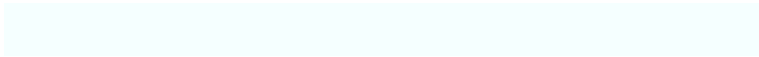
97, 11.146, 71.401

Sweetspot

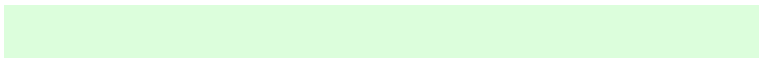
The Sweet Spot groups the original color and five complimentary colors.



97, 11.147, 201.391



99, 3.423, 201.931



96, 21.034, 144.073



53, 2.429, 201.866



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

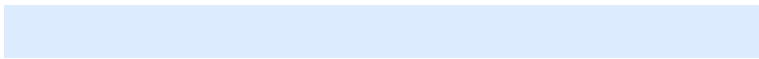
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 11.147, 201.391



97, 13.264, 201.278



93, 10.513, 259.085



52, 4.801, 201.577



69, 38.756, 201.109



23, 17.913, 200.519

Inverse Universe

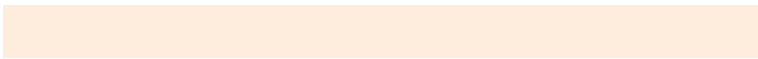
The Inverse Universe completely reimagines the original color for something new.



91, 20.879, 325.967



90, 25.062, 326.116



95, 10.835, 75.488



50, 8.879, 325.742



45, 90.966, 329.434



12, 41.965, 329.286

Previews

White Background



This preview shows how the CIE LCh color 97, 11.146, 201.401 looks on a white background.

Color Contrast Check

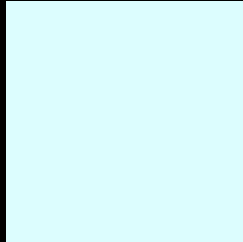
Large Text (above 18pt) WCAG AA × Fail

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, 11.146, 201.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

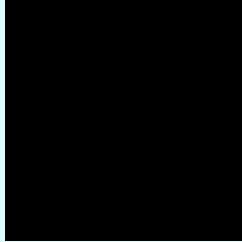
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 11.146, 201.401

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.146, 201.401.

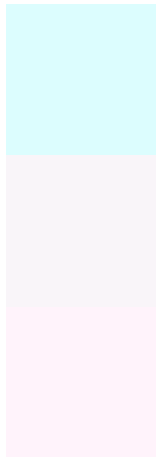


This preview shows how white text looks on a background with the CIELCh color 97, 11.146, 201.401.

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, 11.146, 201.401

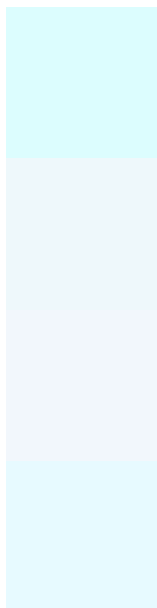
Protanopia
97, 2.503, 324.409

Deuteranopia
97, 5.909, 335.926



Tritanopia
97, 4.917, 246.167

Trichromacy



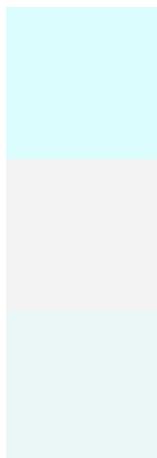
Original Color
97, 11.146, 201.401

Protanomaly
97, 3.760, 223.478

Deuteranomaly
97, 3.071, 256.057

Tritanomaly
97, 6.917, 220.851

Monochromacy



Original Color
97, 11.146, 201.401

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.165, 199.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 11.146, 201.401 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(220, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.146, 201.401 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(220, 253, 254) }
```

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

```
.border{ border-color:rgb(220, 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(220, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(220, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.146, 201.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 253, 254) }
```

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

```
.background{ background-color: rgb(220,  
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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