

Converting Colors

CIELCh(100, 46.681, 281.421)

Have a look what the booklet for
CIELCh(100, 46.681, 281.421)
contains.

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Color

CIELCh(97, 11.787, 201.216)

Conversions

Conversions Part 1

Format	Color
Hex	DAFDDE
RGB	218, 253, 254
RGB Percent	85%, 99%, 100%
CMY	0.1444, 0.0072, 0.0033
CMYK	0.14, 0.00, 0.00, 0.00
HSL	182°, 95%, 93%
HSV	182°, 14%, 100%
XYZ	82.0485, 92.4403, 107.4086
YIQ	242.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

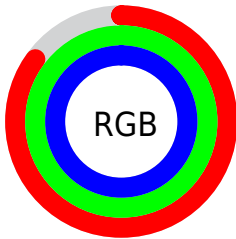
Format	Color
R _Y B	218, 236, 254
Decimal	14351870
CIE Lab	97.00, -10.99, -4.27
CIE LCh	97, 11.787, 201.216
Yxy	92.4403, 0.2911, 0.3279
Android (android.graphics.Color)	4292541950 (0xFFDAFD FE)
YUV	242.6490, 5.5960, -21.6172
Hunter-Lab	96.1459, -15.9279, 1.0668

Details

The CIELCh color **97, 11.787, 201.216** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 12.936, 22.559**, 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, 11.567, 201.246** is the 20% darker color. If you saturate the color by 10%, you get **95, 19.473, 200.807**, and if you desaturate by 10%, it is **99, 3.553, 201.772**.

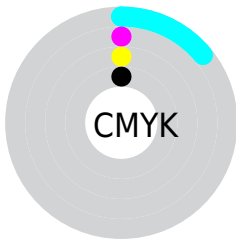
Distribution



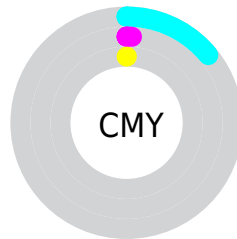
- Red (85%)
- Green (99%)
- Blue (100%)



- Red (85%)
- 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, 11.787, 201.216 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, 11.787, 201.216 by changing the saturation by 10% instead.


 97, 11.787,
201.216


 97, 11.787,
201.216


 100, 11.787,
201.216


 87, 11.787,
201.216


 77, 11.787,
201.216

 67, 11.787,
201.216

 57, 11.787,
201.216

 47, 11.787,
201.216

 37, 11.787,
201.216

 27, 11.787,

201.216

■ 17, 11.787,
201.216

■ 7, 11.787, 201.216

■ 97, 11.787,
201.216

■ 97, 11.787,
201.216

■ 95, 19.473,
200.807

■ 99, 3.553, 201.772

100, 0.249, 71.766

■ 94, 26.467,
200.489

100, 0.420,
109.962

■ 93, 32.627,
200.256

■ 91, 37.825,
200.119

■ 91, 41.964,
200.086

■ 90, 44.992,
200.167

■ 89, 46.925,
200.368

■ 89, 47.856,
200.688

■ 89, 48.067,
200.919

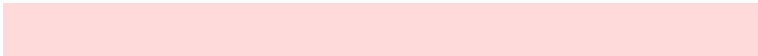
Harmonies

Complementary

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



97, 11.787, 201.216



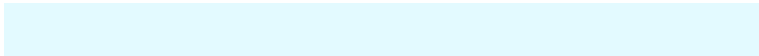
90, 12.936, 22.559

Rectangle

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



97, 11.787, 201.216



97, 11.787, 251.216



97, 11.787, 21.216



97, 11.787, 71.216

Sweetspot

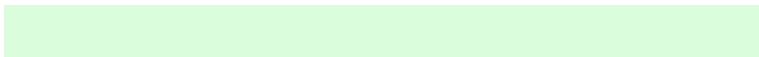
The Sweet Spot groups the original color and five complimentary colors.



97, 11.788, 201.207



99, 3.429, 201.786



96, 22.265, 144.020



53, 2.433, 201.721



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

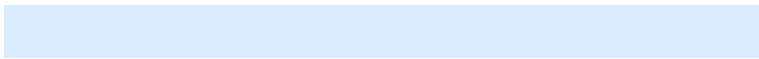
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 11.788, 201.207



97, 14.073, 201.084



93, 11.121, 259.201



52, 4.808, 201.429



69, 38.838, 200.839



23, 17.947, 200.283

Inverse Universe

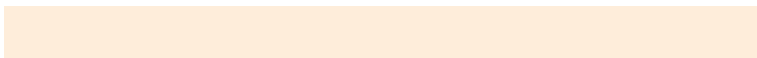
The Inverse Universe completely reimagines the original color for something new.



91, 22.124, 325.966



90, 26.665, 326.128



95, 11.485, 75.393



50, 8.888, 325.698



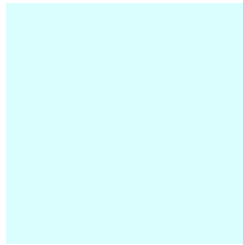
45, 91.081, 329.366



12, 42.011, 329.226

Previews

White Background



This preview shows how the CIE LCh color 97, 11.787, 201.216 looks on a white background.

Color Contrast Check

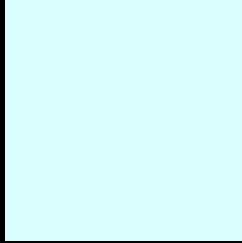
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 11.787, 201.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

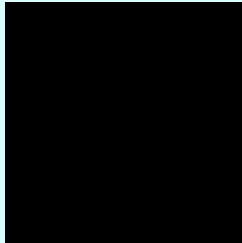
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 11.787, 201.216

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.787, 201.216.

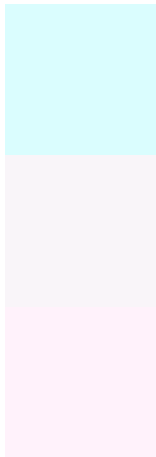


This preview shows how white text looks on a background with the CIELCh color 97, 11.787, 201.216.

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, 11.794, 201.213

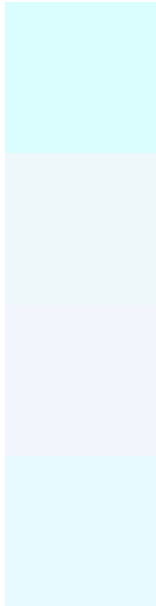
Protanopia
97, 2.503, 324.409

Deuteranopia
97, 6.523, 334.886



Tritanopia
97, 4.917, 246.167

Trichromacy



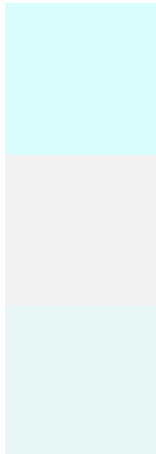
Original Color
97, 11.794, 201.213

Protanomaly
97, 3.760, 223.478

Deuteranomaly
97, 3.354, 266.033

Tritanomaly
97, 6.917, 220.851

Monochromacy



Original Color
97, 11.794, 201.213

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, 11.787, 201.216 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(218, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.787, 201.216 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(218, 253, 254) }
```

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

```
.border{ border-color:rgb(218, 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(218, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(218, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.787, 201.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 253, 254) }
```

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

```
.background{ background-color: rgb(218,  
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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