

Converting Colors

CIELCh(100, 20.097, 165.746)

Have a look what the booklet for
CIELCh(100, 20.097, 165.746)
contains.

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Color

CIElCh(97, 14.065, 177.200)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFF5
RGB	217, 255, 245
RGB Percent	85%, 100%, 96%
CMY	0.1509, 0.0019, 0.0412
CMYK	0.15, 0.00, 0.04, 0.00
HSL	164°, 97%, 92%
HSV	164°, 15%, 100%
XYZ	80.4765, 92.4403, 99.5907
YIQ	242.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

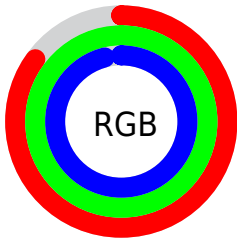
Format	Color
R_{YB}	217, 239, 255
Decimal	14286837
CIE _{Lab}	97.00, -14.05, 0.69
CIE _{LCh}	97, 14.065, 177.200
Yxy	92.4403, 0.2953, 0.3392
Android (android.graphics.Color)	4292476917 (0xFFD9FFF5)
YUV	242.4980, 1.2335, -22.3617
Hunter-Lab	96.1459, -18.8464, 5.8878

Details

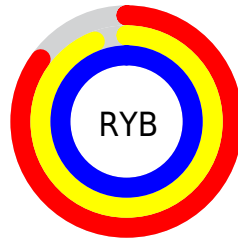
The CIELCh color **97, 14.065, 177.200** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 14.774, 0.021**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 13.813, 177.856** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.147, 176.156**, and if you desaturate by 10%, it is **99, 4.686, 178.234**.

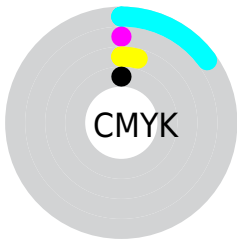
Distribution



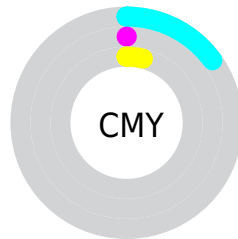
- Red (85%)
- Green (100%)
- Blue (96%)



- Red (85%)
- Yellow (94%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 14.065, 177.200 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, 14.065, 177.200 by changing the saturation by 10% instead.


 97, 14.065,
177.200

 97, 14.065,
177.200

 100, 14.065,
177.200


 87, 14.065,
177.200

 77, 14.065,
177.200

 67, 14.065,
177.200

 57, 14.065,
177.200

 47, 14.065,
177.200

 37, 14.065,
177.200

 27, 14.065,

177.200

■ 17, 14.065,
177.200

■ 7, 14.065, 177.200

■ 97, 14.065,
177.200

■ 97, 14.065,
177.200

■ 95, 23.147,
176.156

■ 99, 4.686, 178.234

■ 94, 31.776,
175.046

100, 0.317,
323.476

■ 93, 39.791,
173.840

■ 92, 47.030,
172.513

■ 91, 53.356,
171.041

■ 90, 58.678,
169.399

■ 90, 62.972,
167.565

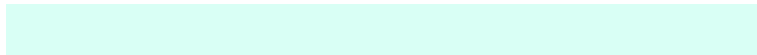
■ 89, 66.313,
165.536

■ 89, 67.761,
164.466

Harmonies

Complementary

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



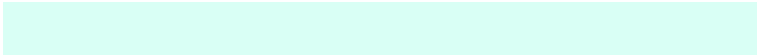
97, 14.065, 177.200



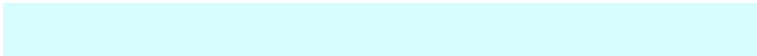
90, 14.774, 0.021

Rectangle

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



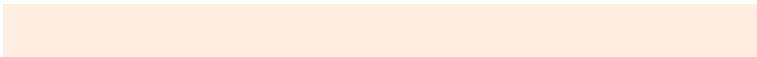
97, 14.065, 177.200



97, 14.065, 227.200



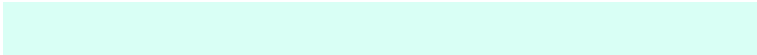
97, 14.065, 357.200



97, 14.065, 47.200

Sweetspot

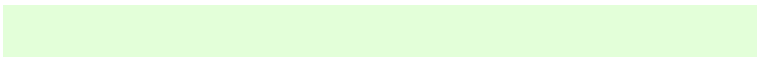
The Sweet Spot groups the original color and five complimentary colors.



97, 14.067, 177.195



99, 3.811, 178.349



97, 21.857, 136.106



53, 2.708, 178.255



0, 0.000, 0.000



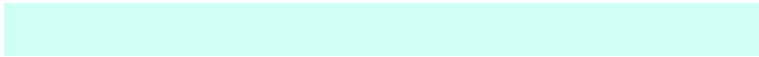
53, 0.007, 296.813

Same Dimension

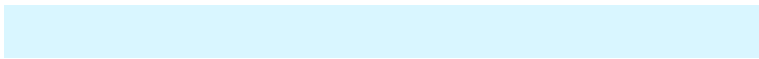
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 14.067, 177.195



97, 16.922, 176.881



95, 10.685, 224.208



52, 5.397, 177.744



69, 54.341, 164.859



23, 24.004, 167.717

Inverse Universe

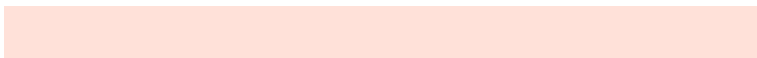
The Inverse Universe completely reimagines the original color for something new.



90, 14.774, 0.021



88, 17.961, 0.380



92, 11.736, 42.867



50, 5.568, 359.416



40, 72.070, 24.505



10, 31.631, 15.184

Previews

White Background



This preview shows how the CIE LCh color 97, 14.065, 177.200 looks on a white background.

Color Contrast Check

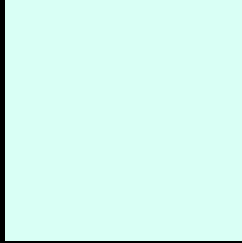
Large Text (above 18pt) WCAG AA × Fail

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, 14.065, 177.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

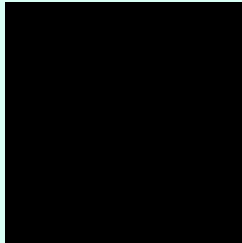
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

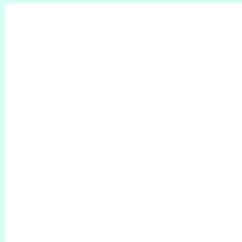
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 14.065, 177.200

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.065, 177.200.

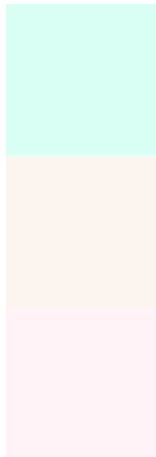


This preview shows how white text looks on a background with the CIELCh color 97, 14.065, 177.200.

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, 14.065, 177.200

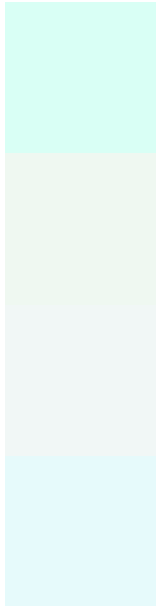
Protanopia
97, 3.928, 70.419

Deuteranopia
97, 4.729, 354.009



Tritanopia
97, 4.917, 246.167

Trichromacy



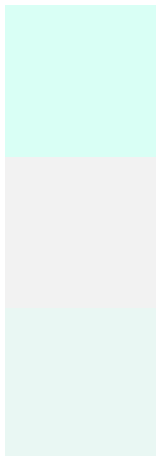
Original Color
97, 14.065, 177.200

Protanomaly
97, 4.801, 151.162

Deuteranomaly
97, 2.163, 185.898

Tritanomaly
97, 6.871, 203.342

Monochromacy



Original Color
97, 14.065, 177.200

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 5.323, 176.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.065, 177.200 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(217, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 245)  
}
```

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(217, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.065, 177.200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

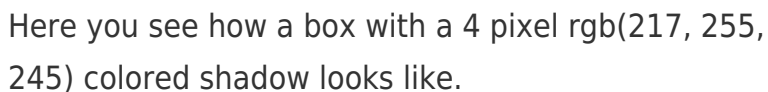
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 245) }
```

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

```
.border{ border-color:rgb(217, 255, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 245); box-shadow:4px 4px 4px 4px rgb(217, 255, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.065, 177.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 245) }
```

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

```
.background{ background-color: rgb(217,  
255, 245) }
```

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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