

Converting Colors

CIELCh(97, 14.560, 178.093)

Have a look what the booklet for
CIELCh(97, 14.560, 178.093)
contains.

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Color

CIELCh(97, 14.679, 178.082)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFF5
RGB	215, 255, 245
RGB Percent	84%, 100%, 96%
CMY	0.1574, 0.0005, 0.0398
CMYK	0.16, 0.00, 0.04, 0.00
HSL	165°, 99%, 92%
HSV	165°, 16%, 100%
XYZ	80.1591, 92.4403, 99.8923
YIQ	241.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

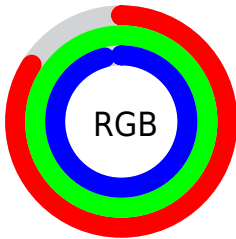
Format	Color
R _Y B	215, 238, 255
Decimal	14155765
CIE Lab	97.00, -14.67, 0.49
CIE LCh	97, 14.679, 178.082
Yxy	92.4403, 0.2942, 0.3392
Android (android.graphics.Color)	4292345845 (0xFFD7FFF5)
YUV	241.9000, 1.5283, -23.5913
Hunter-Lab	96.1459, -19.4355, 5.7018

Details

The CIELCh color `97, 14.679, 178.082` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `89, 15.495, 1.061`, 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, 14.449, 178.733` is the 20% darker color. If you saturate the color by 10%, you get `95, 23.655, 177.042`, and if you desaturate by 10%, it is `99, 5.382, 179.102`.

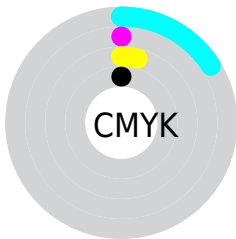
Distribution



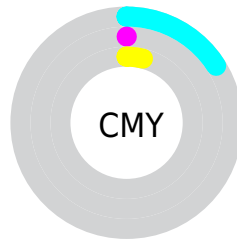
- Red (84%)
- Green (100%)
- Blue (96%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.679, 178.082 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, 14.679, 178.082 by changing the saturation by 10% instead.


 97, 14.679,
178.082


 97, 14.679,
178.082

 100, 14.679,
178.082

 87, 14.679,
178.082


 77, 14.679,
178.082

 67, 14.679,
178.082

 57, 14.679,
178.082

 47, 14.679,
178.082

 37, 14.679,
178.082

 27, 14.679,

178.082

■ 17, 14.679,
178.082

■ 7, 14.679, 178.082

■ 97, 14.679,
178.082

■ 97, 14.679,
178.082

■ 95, 23.655,
177.042

■ 99, 5.382, 179.102

■ 94, 32.152,
175.937

100, 0.095,
321.170

■ 93, 40.009,
174.739

■ 92, 47.068,
173.423

■ 91, 53.195,
171.965

■ 90, 58.305,
170.340

■ 90, 62.385,
168.527

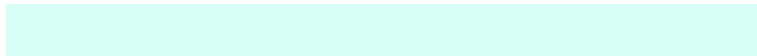
■ 90, 65.518,
166.523

■ 89, 66.683,
165.632

Harmonies

Complementary

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



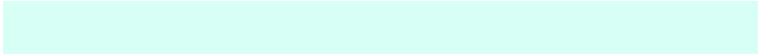
97, 14.679, 178.082



89, 15.495, 1.061

Rectangle

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



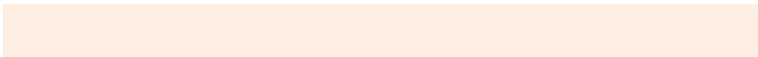
97, 14.679, 178.082



97, 14.679, 228.082



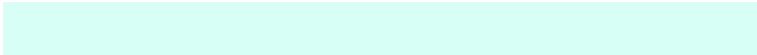
97, 14.679, 358.082



97, 14.679, 48.082

Sweetspot

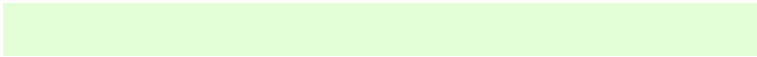
The Sweet Spot groups the original color and five complimentary colors.



97, 14.681, 178.077



99, 4.730, 179.182



97, 23.012, 136.067



53, 3.226, 179.101



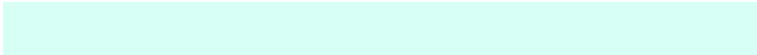
0, 0.000, 0.000



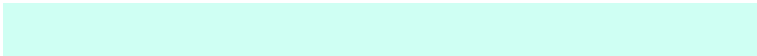
53, 0.007, 296.813

Same Dimension

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



97, 14.681, 178.077



96, 17.698, 177.741



95, 11.223, 224.254



52, 5.359, 178.701



69, 53.433, 166.019



23, 23.650, 168.818

Inverse Universe

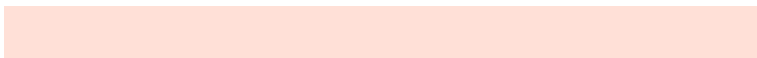
The Inverse Universe completely reimagines the original color for something new.



89, 15.495, 1.061



87, 18.904, 1.453



91, 12.392, 42.850



50, 5.536, 0.366



40, 72.622, 25.618



10, 31.700, 15.986

Previews

White Background



This preview shows how the CIE LCh color 97, 14.679, 178.082 looks on a white background.

Color Contrast Check

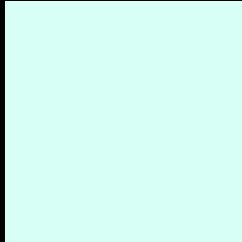
Large Text (above 18pt) WCAG AA × Fail

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, 14.679, 178.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

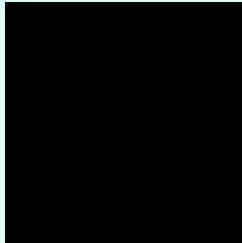
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

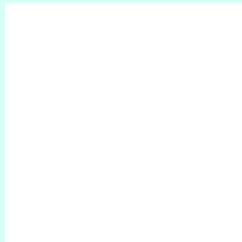
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 14.679, 178.082

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.679, 178.082.

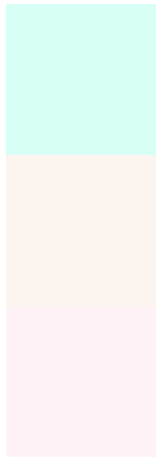


This preview shows how white text looks on a background with the CIELCh color 97, 14.679, 178.082.

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, 14.679, 178.082

Protanopia
97, 3.928, 70.419

Deuteranopia
97, 4.729, 354.009

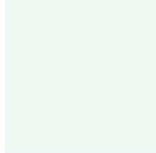


Tritanopia
97, 5.155, 243.403

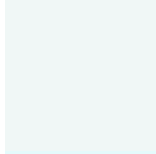
Trichromacy



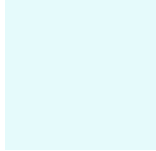
Original Color
97, 14.679, 178.082



Protanomaly
97, 5.657, 152.979



Deuteranomaly
97, 2.503, 187.712

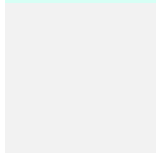


Tritanomaly
97, 7.206, 203.118

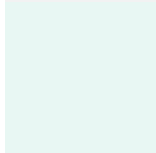
Monochromacy



Original Color
97, 14.679, 178.082



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 5.643, 177.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.679, 178.082 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(215, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.679, 178.082 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(215, 255, 245) }
```

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

```
.border{ border-color:rgb(215, 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(215, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.679, 178.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 245) }
```

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

```
.background{ background-color: rgb(215,  
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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