

Converting Colors

CIELCh(95, 16.817, 179.837)

Have a look what the booklet for
CIELCh(95, 16.817, 179.837)
contains.

CIELCh(95, 16.574, 180.258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 16.574, 180.258)

Conversions

Conversions Part 1

Format	Color
Hex	CCFAF0
RGB	204, 250, 240
RGB Percent	80%, 98%, 94%
CMY	0.1994, 0.0190, 0.0583
CMYK	0.18, 0.00, 0.04, 0.02
HSL	167°, 83%, 89%
HSV	167°, 18%, 98%
XYZ	74.9204, 87.6183, 95.5131
YIQ	235.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

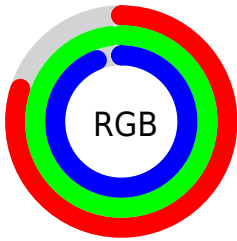
Format	Color
RYB	204, 230, 250
Decimal	13433584
CIELab	95.00, -16.57, -0.07
CIELCh	95, 16.574, 180.258
Yxy	87.6183, 0.2903, 0.3395
Android (android.graphics.Color)	4291623664 (0xFFCCFAF0)
YUV	235.1060, 2.4127, -27.2800
Hunter-Lab	93.6047, -20.9382, 5.0244

Details

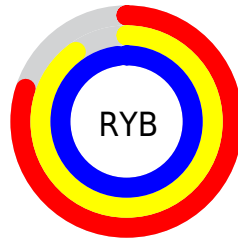
The CIELCh color **95, 16.574, 180.258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 17.789, 3.781**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 16.405, 180.846** is the 20% darker color. If you saturate the color by 10%, you get **93, 25.092, 179.233**, and if you desaturate by 10%, it is **97, 7.669, 181.245**.

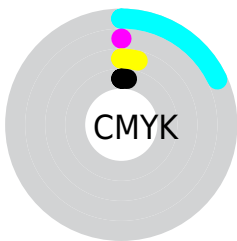
Distribution



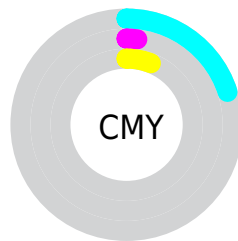
- Red (80%)
- Green (98%)
- Blue (94%)



- Red (80%)
- Yellow (90%)
- Blue (98%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (20%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 16.574, 180.258 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 95, 16.574, 180.258 by changing the saturation by 10% instead.


 95, 16.574,
180.258


 95, 16.574,
180.258


 100, 16.574,
180.258


 85, 16.574,
180.258

 75, 16.574,
180.258

 65, 16.574,
180.258

 55, 16.574,
180.258

 45, 16.574,
180.258

 35, 16.574,
180.258

 25, 16.574,

180.258

■ 15, 16.574,
180.258

■ 5, 16.574, 180.258

■ 95, 16.574,
180.258

■ 95, 16.574,
180.258

■ 93, 25.092,
179.233

■ 97, 7.669, 181.245

■ 92, 33.064,
178.148

■ 99, 1.489, 1.667

■ 91, 40.336,
176.975

■ 99, 3.020, 324.445

■ 90, 46.758,
175.693

■ 89, 52.217,
174.277

■ 89, 56.648,
172.703

■ 88, 60.067,
170.951

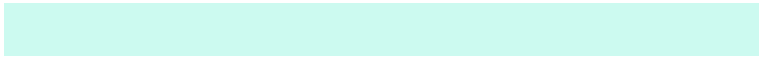
■ 88, 62.610,
169.030

■ 88, 62.985,
168.720

Harmonies

Complementary

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



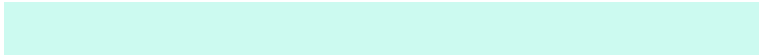
95, 16.574, 180.258



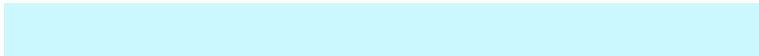
86, 17.789, 3.781

Rectangle

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



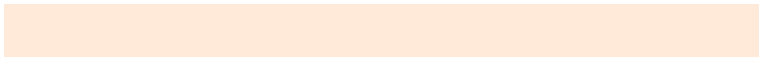
95, 16.574, 180.258



95, 16.574, 230.258



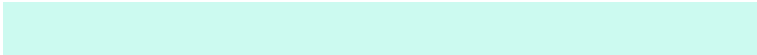
95, 16.574, 0.258



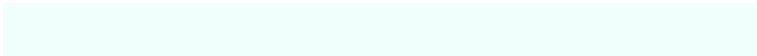
95, 16.574, 50.258

Sweetspot

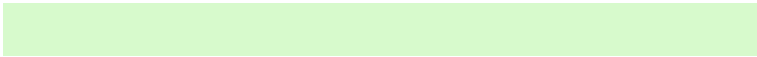
The Sweet Spot groups the original color and five complimentary colors.



95, 16.575, 180.253



99, 5.583, 181.494



95, 26.850, 136.930



53, 3.701, 181.424



0, 0.000, 0.000



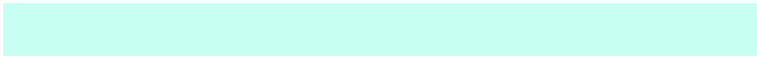
53, 0.007, 296.813

Same Dimension

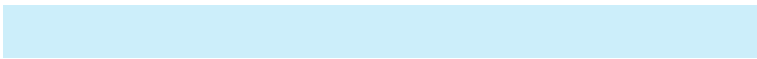
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 16.575, 180.253



96, 20.009, 179.889



92, 12.752, 228.772



51, 5.184, 181.134



68, 50.717, 169.083



22, 22.157, 171.834

Inverse Universe

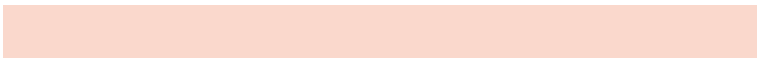
The Inverse Universe completely reimagines the original color for something new.



86, 17.789, 3.781



85, 21.797, 4.231



89, 14.270, 46.532



49, 5.374, 2.769



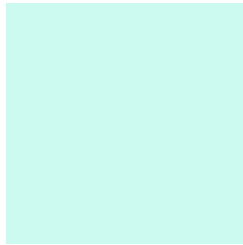
39, 73.329, 28.203



9, 30.908, 16.902

Previews

White Background



This preview shows how the CIE LCh color 95, 16.574, 180.258 looks on a white background.

Color Contrast Check

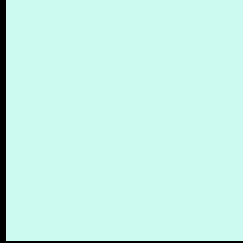
Large Text (above 18pt) WCAG AA × Fail

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 95, 16.574, 180.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

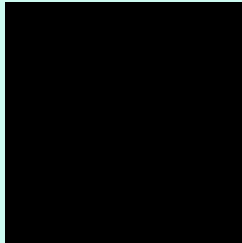
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

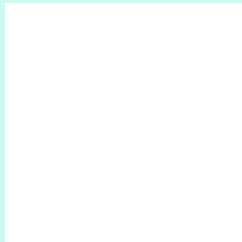
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 16.574, 180.258

Background



This preview shows how black text looks on a background with the CIELCh color 95, 16.574, 180.258.

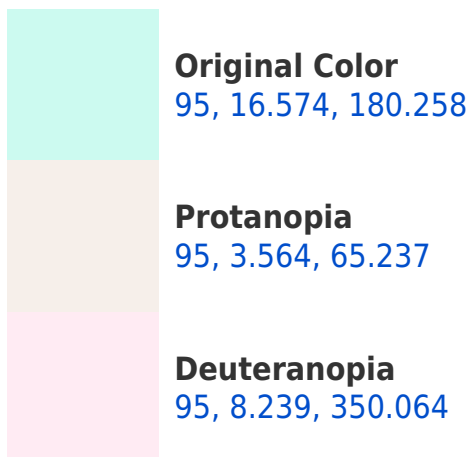


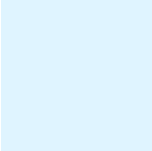
This preview shows how white text looks on a background with the CIELCh color 95, 16.574, 180.258.

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



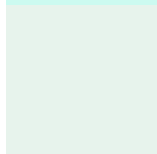


Tritanopia
95, 8.967, 238.274

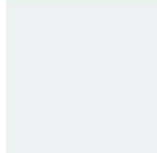
Trichromacy



Original Color
95, 16.574, 180.258



Protanomaly
95, 5.582, 159.119



Deuteranomaly
95, 1.489, 219.945

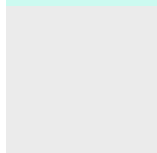


Tritanomaly
95, 10.312, 210.367

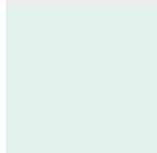
Monochromacy



Original Color
95, 16.574, 180.258



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 6.318, 180.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 16.574, 180.258 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(204, 250, 240)` looks like.

```
.text, #text, p{  
    color:rgb(204, 250, 240)  
}
```

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(204, 250, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 250, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 16.574, 180.258 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(204, 250, 240) }
```

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

```
.border{ border-color:rgb(204, 250, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 250, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 250, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 250, 240);  
box-shadow:4px 4px 4px 4px rgb(204, 250,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 16.574, 180.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 250, 240) }
```

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

```
.background{ background-color: rgb(204,  
250, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor