

Converting Colors

CIELCh(95, 13.736, 194.896)

Have a look what the booklet for
CIELCh(95, 13.736, 194.896)
contains.

CIELCh(95, 13.893, 194.297)	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, 13.893, 194.297)

Conversions

Conversions Part 1

Format	Color
Hex	D0F9F7
RGB	208, 249, 247
RGB Percent	82%, 98%, 97%
CMY	0.1855, 0.0247, 0.0326
CMYK	0.16, 0.00, 0.01, 0.02
HSL	177°, 76%, 89%
HSV	177°, 16%, 98%
XYZ	76.4446, 87.6183, 100.6248
YIQ	236.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

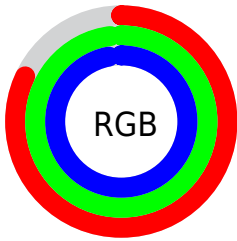
Format	Color
R _Y B	208, 229, 249
Decimal	13695479
CIE Lab	95.00, -13.46, -3.43
CIE LCh	95, 13.893, 194.297
Yxy	87.6183, 0.2888, 0.3310
Android (android.graphics.Color)	4291885559 (0xFFD0F9F7)
YUV	236.5130, 5.1701, -25.0059
Hunter-Lab	93.6047, -18.0317, 1.7867

Details

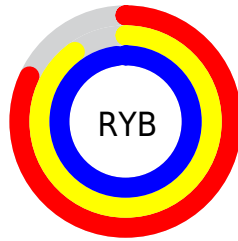
The CIELCh color **95, 13.893, 194.297** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 15.323, 16.650**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 14.065, 193.924** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.657, 193.624**, and if you desaturate by 10%, it is **97, 5.598, 195.023**.

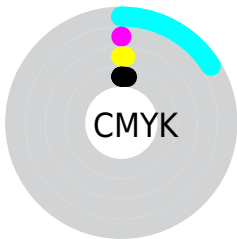
Distribution



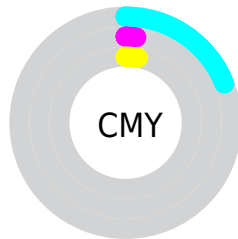
- Red (82%)
- Green (98%)
- Blue (97%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (19%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 13.893, 194.297 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, 13.893, 194.297 by changing the saturation by 10% instead.

95, 13.893,
194.297

95, 13.893,
194.297

100, 13.893,
194.297

85, 13.893,
194.297

75, 13.893,
194.297

65, 13.893,
194.297

55, 13.893,
194.297

45, 13.893,
194.297

35, 13.893,
194.297

25, 13.893,

194.297

■ 15, 13.893,
194.297

■ 5, 13.893, 194.297

■ 95, 13.893,
194.297

■ 95, 13.893,
194.297

■ 94, 21.657,
193.624

■ 97, 5.598, 195.023

■ 92, 28.739,
192.984

■ 98, 2.237, 13.687

■ 98, 2.384, 358.757

■ 91, 34.997,
192.363

■ 98, 2.670, 346.298

■ 90, 40.303,
191.756

■ 98, 3.056, 336.622

■ 98, 3.511, 329.289

■ 90, 44.562,
191.155

■ 98, 3.928, 324.500

■ 89, 47.731,
190.550

■ 89, 49.834,
189.927

■ 89, 50.982,
189.275

■ 89, 51.254,
189.041

Harmonies

Complementary

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



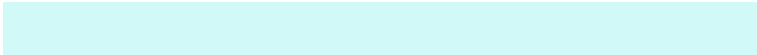
95, 13.893, 194.297



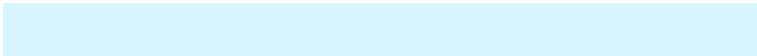
87, 15.323, 16.650

Rectangle

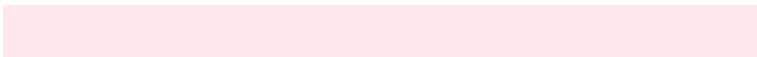
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



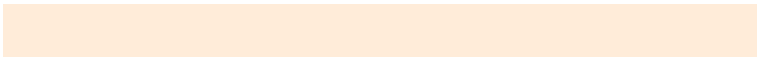
95, 13.893, 194.297



95, 13.893, 244.297



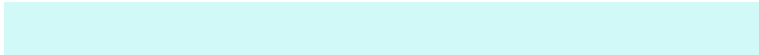
95, 13.893, 14.297



95, 13.893, 64.297

Sweetspot

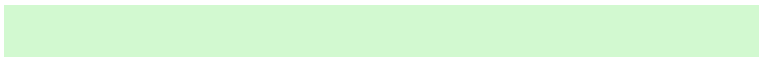
The Sweet Spot groups the original color and five complimentary colors.



95, 13.894, 194.290



99, 4.418, 195.156



94, 25.369, 142.140



53, 3.010, 195.090



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

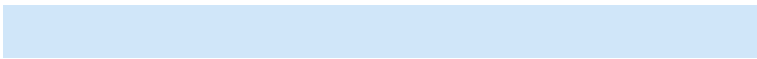
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 13.894, 194.290



97, 17.032, 194.050



90, 12.042, 252.039



51, 4.894, 194.785



69, 41.622, 189.158



23, 18.724, 190.037

Inverse Universe

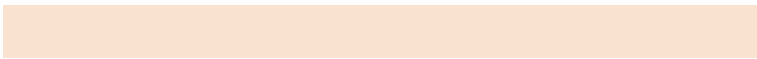
The Inverse Universe completely reimagines the original color for something new.



87, 15.323, 16.650



86, 19.216, 17.016



91, 12.744, 67.882



49, 5.171, 15.990



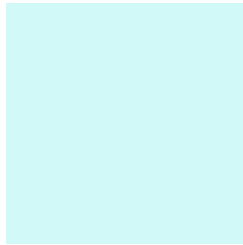
39, 81.316, 38.117



9, 31.846, 24.180

Previews

White Background



This preview shows how the CIE LCh color 95, 13.893, 194.297 looks on a white background.

Color Contrast Check

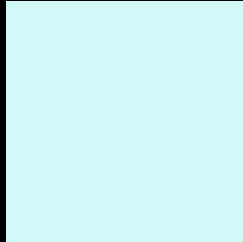
Large Text (above 18pt) WCAG AA × Fail

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, 13.893, 194.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

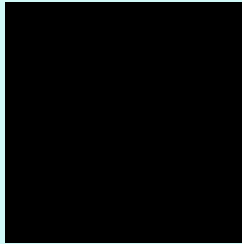
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

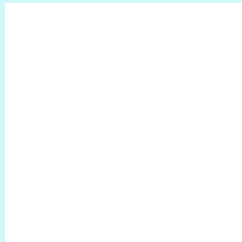
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 13.893, 194.297

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.893, 194.297.

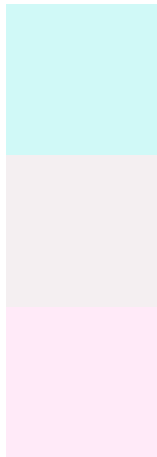


This preview shows how white text looks on a background with the CIELCh color 95, 13.893, 194.297.

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
95, 13.893, 194.297

Protanopia
95, 2.061, 349.347

Deuteranopia
95, 10.371, 336.210

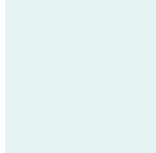


Tritanopia
95, 8.804, 243.748

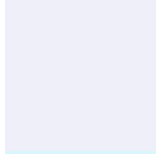
Trichromacy



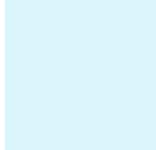
Original Color
95, 13.893, 194.297



Protanomaly
95, 4.177, 199.284



Deuteranomaly
95, 4.642, 286.262

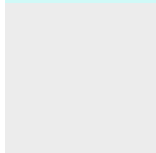


Tritanomaly
95, 9.727, 220.696

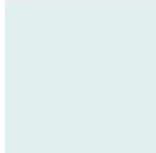
Monochromacy



Original Color
95, 13.893, 194.297



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 5.257, 193.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.893, 194.297 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(208, 249, 247)` looks like.

```
.text, #text, p{  
    color:rgb(208, 249, 247)  
}
```

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(208, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 249, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.893, 194.297 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(208, 249, 247) }
```

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

```
.border{ border-color:rgb(208, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(208, 249,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.893, 194.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 249, 247) }
```

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

```
.background{ background-color: rgb(208,  
249, 247) }
```

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