

Converting Colors

CIELCh(95, 19.652, 192.560)

Have a look what the booklet for
CIELCh(95, 19.652, 192.560)
contains.

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Color

CIELCh(95, 19.653, 192.149)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C1FCF8 |
| RGB | 193, 252, 248 |
| RGB Percent | 76%, 99%, 97% |
| CMY | 0.2437, 0.0123, 0.0280 |
| CMYK | 0.23, 0.00, 0.02, 0.01 |
| HSL | 176°, 90%, 87% |
| HSV | 176°, 23%, 99% |
| XYZ | 73.6435, 87.6183, 101.7215 |
| YIQ | 233.9030, -33.8800, -13.7520 |

Conversions

Conversions Part 2

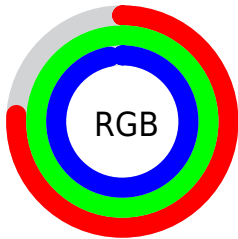
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 193, 224, 252 |
| Decimal | 12713208 |
| CIELab | 95.00, -19.21, -4.14 |
| CIELCh | 95, 19.653, 192.149 |
| Yxy | 87.6183, 0.2800, 0.3332 |
| Android (android.graphics.Color) | 4290903288 (0xFFC1FCF8) |
| YUV | 233.9030, 6.9498, -35.8719 |
| Hunter-Lab | 93.6047, -23.3732, 1.0920 |

Details

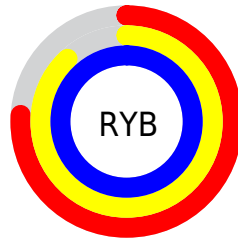
The CIELCh color **95, 19.653, 192.149** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 22.546, 15.914**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **75, 19.485, 193.131** is the 20% darker color. If you saturate the color by 10%, you get **94, 27.113, 191.431**, and if you desaturate by 10%, it is **97, 11.572, 192.876**.

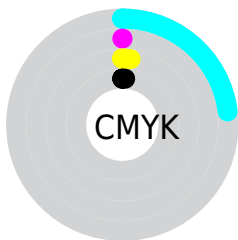
Distribution



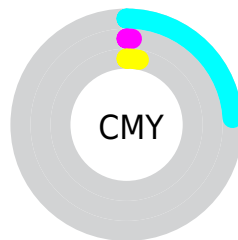
- Red (76%)
- Green (99%)
- Blue (97%)



- Red (76%)
- Yellow (88%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (24%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 19.653, 192.149 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, 19.653, 192.149 by changing the saturation by 10% instead.


 95, 19.653,
192.149


 95, 19.653,
192.149


 100, 19.653,
192.149


 85, 19.653,
192.149

 75, 19.653,
192.149

 65, 19.653,
192.149

 55, 19.653,
192.149

 45, 19.653,
192.149

 35, 19.653,
192.149

 25, 19.653,

192.149

■ 15, 19.653,
192.149

■ 5, 19.653, 192.149

■ 95, 19.653,
192.149

■ 95, 19.653,
192.149

■ 94, 27.113,
191.431

■ 97, 11.572,
192.876

■ 93, 33.800,
190.724

■ 98, 3.013, 193.748

■ 92, 39.575,
190.015

■ 99, 1.251, 351.746

■ 99, 1.830, 327.091

■ 91, 44.328,
189.294

■ 99, 1.957, 324.352

■ 90, 47.992,
188.550

■ 90, 50.565,
187.766

■ 90, 52.129,
186.927

■ 90, 52.750,
186.348

Harmonies

Complementary

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



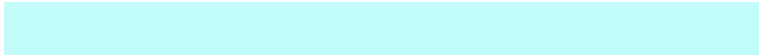
95, 19.653, 192.149



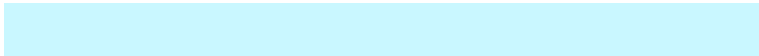
83, 22.546, 15.914

Rectangle

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



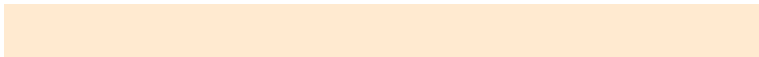
95, 19.653, 192.149



95, 19.653, 242.149



95, 19.653, 12.149



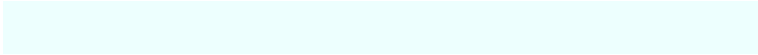
95, 19.653, 62.149

Sweetspot

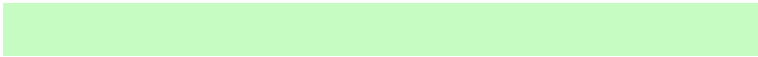
The Sweet Spot groups the original color and five complimentary colors.



95, 19.654, 192.144



99, 6.181, 193.383



94, 36.083, 140.793



53, 4.011, 193.332



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

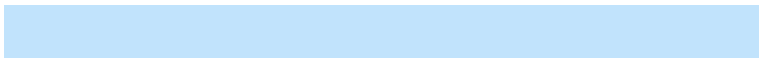
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 19.654, 192.144



95, 23.386, 191.815



89, 16.759, 249.077



51, 4.913, 193.179



69, 42.409, 186.512



22, 19.023, 187.691

Inverse Universe

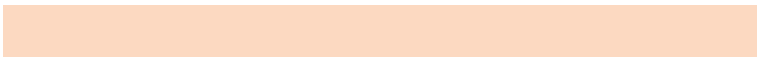
The Inverse Universe completely reimagines the original color for something new.



83, 22.546, 15.914



81, 27.639, 16.489



89, 18.472, 63.372



49, 5.179, 14.459



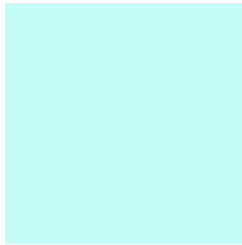
39, 80.573, 37.392



9, 31.720, 23.407

Previews

White Background



This preview shows how the CIE LCh color 95, 19.653, 192.149 looks on a white background.

Color Contrast Check

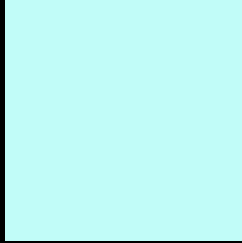
Large Text (above 18pt) WCAG AA × Fail

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, 19.653, 192.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

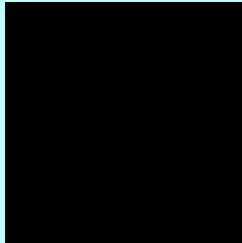
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 19.653, 192.149

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.653, 192.149.

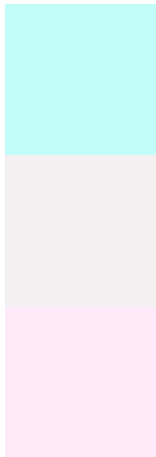


This preview shows how white text looks on a background with the CIELCh color 95, 19.653, 192.149.

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, 19.653, 192.149

Protanopia
95, 1.853, 3.116

Deuteranopia
95, 11.103, 332.395

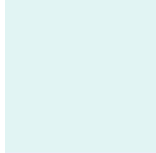


Tritanopia
95, 10.017, 233.480

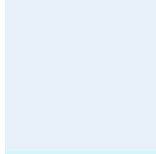
Trichromacy



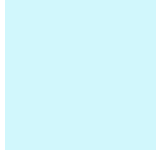
Original Color
95, 19.653, 192.149



Protanomaly
95, 6.605, 194.598

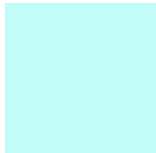


Deuteranomaly
94, 5.348, 259.504

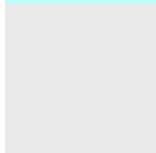


Tritanomaly
95, 12.901, 210.206

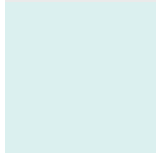
Monochromacy



Original Color
95, 19.653, 192.149



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 7.302, 194.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.653, 192.149 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(193, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(193, 252, 248)  
}
```

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(193, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 252, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.653, 192.149 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(193, 252, 248) }
```

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

```
.border{ border-color:rgb(193, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(193, 252,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.653, 192.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 252, 248) }
```

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

```
.background{ background-color: rgb(193,  
252, 248) }
```

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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