

Converting Colors

CIELCh(95, 19.011, 198.230)

Have a look what the booklet for
CIELCh(95, 19.011, 198.230)
contains.

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Color

CIELCh(95, 19.046, 198.233)

Conversions

Conversions Part 1

Format	Color
Hex	C1FBFB
RGB	193, 251, 251
RGB Percent	76%, 98%, 98%
CMY	0.2416, 0.0141, 0.0141
CMYK	0.23, 0.00, 0.00, 0.01
HSL	180°, 89%, 87%
HSV	180°, 23%, 99%
XYZ	74.1852, 87.6183, 104.5936
YIQ	233.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

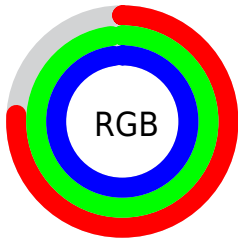
Format	Color
R_{YB}	193, 222, 251
Decimal	12712955
CIE _{Lab}	95.00, -18.09, -5.96
CIE _{LCh}	95, 19.046, 198.233
Yxy	87.6183, 0.2785, 0.3289
Android (android.graphics.Color)	4290903035 (0xFFC1FBFB)
YUV	233.6580, 8.5496, -35.6571
Hunter-Lab	93.6047, -22.3403, -0.7273

Details

The CIELCh color **95, 19.046, 198.233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 22.242, 21.152**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **75, 18.872, 199.648** is the 20% darker color. If you saturate the color by 10%, you get **94, 26.274, 197.773**, and if you desaturate by 10%, it is **97, 11.136, 198.748**.

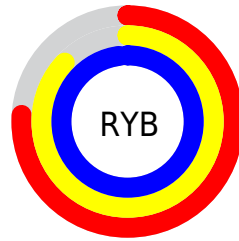
Distribution



Red (76%)

Green (98%)

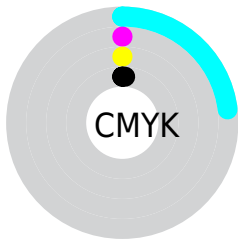
Blue (98%)



Red (76%)

Yellow (87%)

Blue (98%)

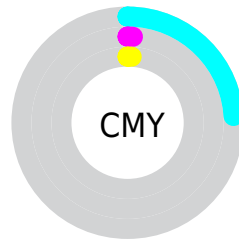


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (1%)



Cyan (24%)


Magenta (1%)


Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 19.046, 198.233 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, 19.046, 198.233 by changing the saturation by 10% instead.


 95, 19.046,
198.233


 95, 19.046,
198.233


 100, 19.046,
198.233


 85, 19.046,
198.233

 75, 19.046,
198.233

 65, 19.046,
198.233

 55, 19.046,
198.233

 45, 19.046,
198.233

 35, 19.046,
198.233

 25, 19.046,

198.233

■ 15, 19.046,
198.233

■ 5, 19.046, 198.233

■ 95, 19.046,
198.233

■ 95, 19.046,
198.233

■ 94, 26.274,
197.773

■ 97, 11.136,
198.748

■ 93, 32.675,
197.380

■ 98, 2.685, 199.471

■ 92, 38.121,
197.051

■ 99, 1.265, 18.940

■ 99, 1.265, 18.899

■ 91, 42.513,
196.790

■ 99, 1.265, 18.857

■ 91, 45.802,
196.597

■ 99, 1.265, 18.816

■ 99, 1.265, 18.774

■ 90, 47.998,
196.468

■ 99, 1.265, 18.733

■ 90, 49.192,
196.398

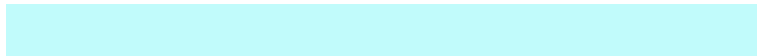
■ 99, 1.265, 18.691

■ 90, 49.580,
196.375

Harmonies

Complementary

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



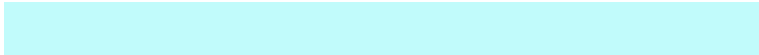
95, 19.046, 198.233



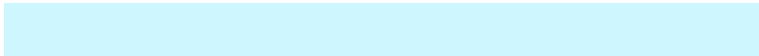
83, 22.242, 21.152

Rectangle

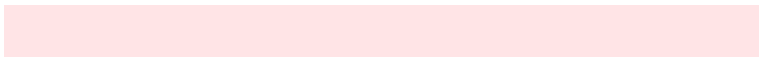
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 19.046, 198.233



95, 19.046, 248.233



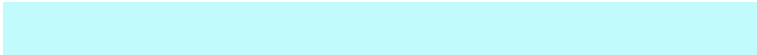
95, 19.046, 18.233



95, 19.046, 68.233

Sweetspot

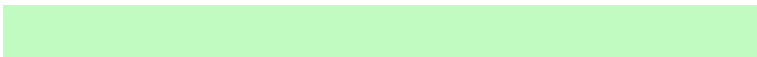
The Sweet Spot groups the original color and five complimentary colors.



95, 19.047, 198.228



99, 6.127, 199.119



94, 36.268, 142.501



53, 3.975, 199.078



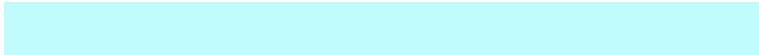
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 19.047, 198.228



96, 22.962, 197.995



88, 17.354, 257.000



51, 4.864, 198.958



69, 39.965, 196.375



23, 18.082, 196.377

Inverse Universe

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



83, 22.242, 21.152



81, 27.825, 21.700



90, 18.596, 70.757



49, 5.167, 19.936



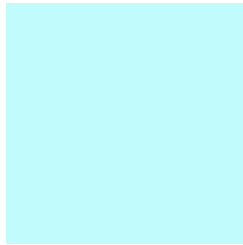
39, 83.388, 39.997



9, 32.195, 26.136

Previews

White Background



This preview shows how the CIE LCh color 95, 19.046, 198.233 looks on a white background.

Color Contrast Check

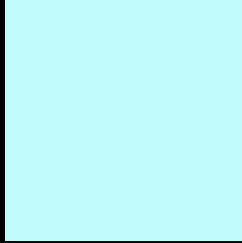
Large Text (above 18pt) WCAG AA × Fail

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, 19.046, 198.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

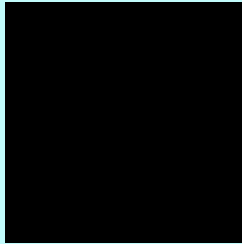
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 19.046, 198.233

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.046, 198.233.



This preview shows how white text looks on a background with the CIELCh color 95, 19.046, 198.233.

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



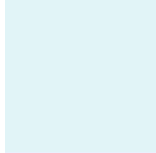


Tritanopia
95, 10.017, 233.480

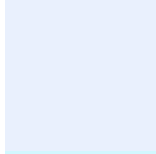
Trichromacy



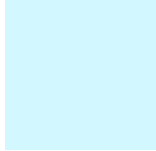
Original Color
95, 19.046, 198.233



Protanomaly
95, 6.678, 212.461

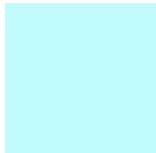


Deuteranomaly
95, 7.062, 270.850

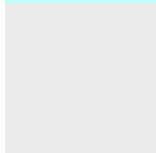


Tritanomaly
95, 12.764, 215.141

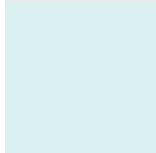
Monochromacy



Original Color
95, 19.046, 198.233



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 7.260, 199.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.046, 198.233 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, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(193, 251, 251)  
}
```

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, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 251, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.046, 198.233 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, 251, 251) }
```

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

```
.border{ border-color:rgb(193, 251, 251) }
```

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

Here you see how a box with a 4 pixel rgb(193, 251, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(193, 251,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.046, 198.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 251, 251) }
```

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

```
.background{ background-color: rgb(193,  
251, 251) }
```

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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