

Converting Colors

CIELCh(95, 23.956, 181.346)

Have a look what the booklet for
CIELCh(95, 23.956, 181.346)
contains.

CIELCh(95, 23.964, 181.646)	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, 23.964, 181.646)

Conversions

Conversions Part 1

Format	Color
Hex	B9FEF1
RGB	185, 254, 241
RGB Percent	73%, 100%, 95%
CMY	0.2742, 0.0036, 0.0546
CMYK	0.27, 0.00, 0.05, 0.00
HSL	169°, 97%, 86%
HSV	169°, 27%, 100%
XYZ	71.3860, 87.6183, 96.4346
YIQ	231.8870, -36.9510, -18.6710

Conversions

Conversions Part 2

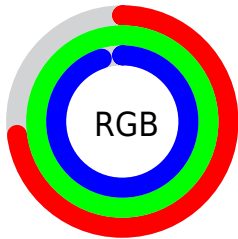
Format	Color
R_{YB}	185, 223, 254
Decimal	12189425
CIE _{Lab}	95.00, -23.95, -0.69
CIE _{LCh}	95, 23.964, 181.646
Yxy	87.6183, 0.2795, 0.3430
Android (android.graphics.Color)	4290379505 (0xFFB9FEF1)
YUV	231.8870, 4.4927, -41.1199
Hunter-Lab	93.6047, -27.6781, 4.4408

Details

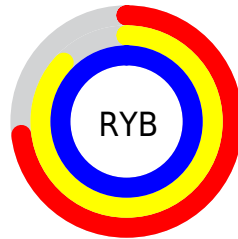
The CIELCh color **95, 23.964, 181.646** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 26.952, 7.100**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **75, 23.876, 181.758** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.910, 180.611**, and if you desaturate by 10%, it is **97, 15.460, 182.623**.

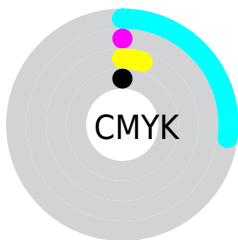
Distribution



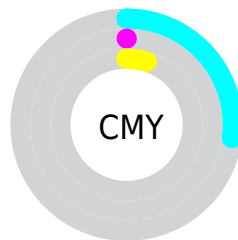
- Red (73%)
- Green (100%)
- Blue (95%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 23.964, 181.646 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, 23.964, 181.646 by changing the saturation by 10% instead.


 95, 23.964,
181.646


 95, 23.964,
181.646

 100, 23.964,
181.646


 85, 23.964,
181.646

 75, 23.964,
181.646

 65, 23.964,
181.646

 55, 23.964,
181.646

 45, 23.964,
181.646

 35, 23.964,
181.646

 25, 23.964,

181.646

■ 15, 23.964,
181.646

■ 5, 23.964, 181.646

■ 95, 23.964,
181.646

■ 95, 23.964,
181.646

■ 94, 31.910,
180.611

■ 97, 15.460,
182.623

■ 92, 39.135,
179.508

■ 98, 6.548, 183.595

■ 92, 45.493,
178.313

100, 0.574,
323.923

■ 91, 50.866,
177.002

■ 90, 55.187,
175.551

■ 90, 58.464,
173.940

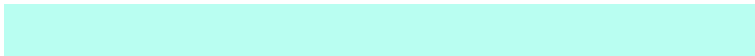
■ 90, 60.810,
172.162

■ 90, 61.388,
171.647

Harmonies

Complementary

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



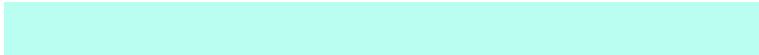
95, 23.964, 181.646



82, 26.952, 7.100

Rectangle

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



95, 23.964, 181.646



95, 23.964, 231.646



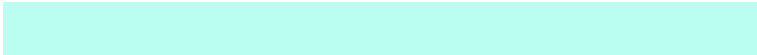
95, 23.964, 1.646



95, 23.964, 51.646

Sweetspot

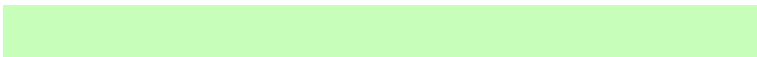
The Sweet Spot groups the original color and five complimentary colors.



95, 23.965, 181.643



98, 7.331, 183.509



95, 40.596, 137.387



52, 5.200, 183.360



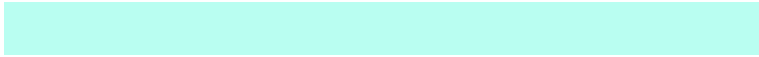
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

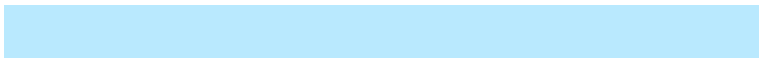
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 23.965, 181.643



94, 28.767, 181.047



90, 18.581, 234.195



52, 5.200, 183.360



69, 49.374, 171.984



23, 22.075, 174.411

Inverse Universe

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



82, 26.952, 7.100



78, 33.265, 7.969



86, 21.883, 49.894



50, 5.408, 4.962



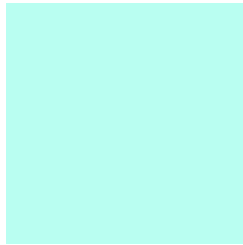
40, 75.519, 30.448



10, 32.052, 19.301

Previews

White Background



This preview shows how the CIE LCh color 95, 23.964, 181.646 looks on a white background.

Color Contrast Check

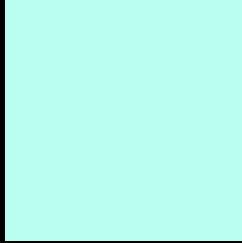
Large Text (above 18pt) WCAG AA × Fail

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, 23.964, 181.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

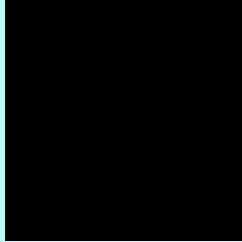
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 23.964, 181.646

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.964, 181.646.

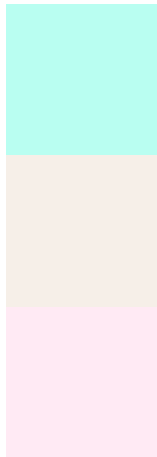


This preview shows how white text looks on a background with the CIELCh color 95, 23.964, 181.646.

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, 23.964, 181.646

Protanopia
95, 4.358, 74.627

Deuteranopia
95, 9.086, 345.606

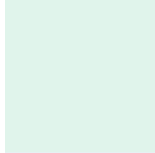


Tritanopia
95, 10.315, 228.926

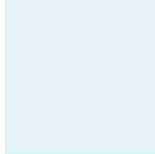
Trichromacy



Original Color
95, 23.964, 181.646



Protanomaly
95, 8.458, 165.782



Deuteranomaly
94, 3.945, 214.453

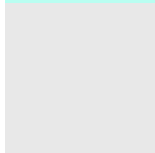


Tritanomaly
95, 14.062, 202.772

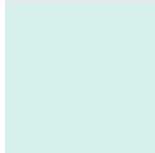
Monochromacy



Original Color
95, 23.964, 181.646



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.107, 182.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.964, 181.646 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(185, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 241)  
}
```

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(185, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.964, 181.646 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(185, 254, 241) }
```

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

```
.border{ border-color:rgb(185, 254, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 254, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.964, 181.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 241) }
```

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

```
.background{ background-color: rgb(185,  
254, 241) }
```

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