

Converting Colors

CIELCh(94, 24.156, 194.498)

Have a look what the booklet for
CIELCh(94, 24.156, 194.498)
contains.

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Color

CIElCh(94, 23.884, 195.429)

Conversions

Conversions Part 1

Format	Color
Hex	B1FBF9
RGB	177, 251, 249
RGB Percent	69%, 98%, 98%
CMY	0.3054, 0.0152, 0.0231
CMYK	0.29, 0.00, 0.01, 0.02
HSL	178°, 91%, 84%
HSV	178°, 29%, 98%
XYZ	69.8054, 85.2715, 102.4945
YIQ	228.6460, -43.4620, -16.3100

Conversions

Conversions Part 2

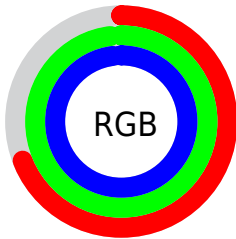
Format	Color
RYB	177, 215, 251
Decimal	11664377
CIELab	94.00, -23.02, -6.35
CIELCh	94, 23.884, 195.429
Yxy	85.2715, 0.2710, 0.3311
Android (android.graphics.Color)	4289854457 (0xFFB1FBF9)
YUV	228.6460, 10.0345, -45.2935
Hunter-Lab	92.3426, -26.6643, -1.1684

Details

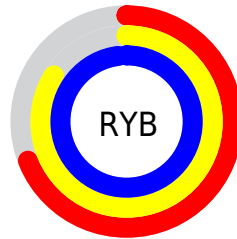
The CIELCh color **94, 23.884, 195.429** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 28.965, 19.816**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **74, 23.616, 196.299** is the 20% darker color. If you saturate the color by 10%, you get **93, 30.695, 194.884**, and if you desaturate by 10%, it is **95, 16.324, 196.006**.

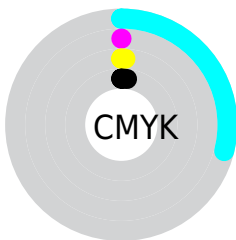
Distribution



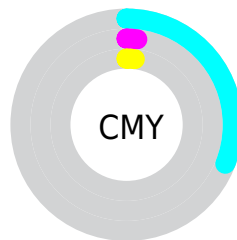
- Red (69%)
- Green (98%)
- Blue (98%)



- Red (69%)
- Yellow (84%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)





- Cyan (31%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 23.884, 195.429 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 94, 23.884, 195.429 by changing the saturation by 10% instead.

 94, 23.884,
195.429


 94, 23.884,
195.429

 100, 23.884,
195.429


 84, 23.884,
195.429

 74, 23.884,
195.429

 64, 23.884,
195.429

 54, 23.884,
195.429

 44, 23.884,
195.429

 34, 23.884,
195.429

 24, 23.884,

195.429

■ 14, 23.884,
195.429

■ 4, 23.884, 195.429

■ 94, 23.884,
195.429

■ 94, 23.884,
195.429

■ 93, 30.695,
194.884

■ 95, 16.324,
196.006

■ 92, 36.615,
194.380

■ 97, 8.159, 196.644

■ 91, 41.528,
193.911

■ 99, 0.469, 15.797

■ 99, 1.417, 4.151

■ 90, 45.358,
193.473

■ 99, 1.548, 351.758

90, 48.085,
193.059

99, 1.739, 341.685

90, 49.762,
192.658

99, 1.972, 333.799

90, 50.577,
192.261

99, 2.235, 327.676

90, 50.611,
192.240

99, 2.419, 324.398

Harmonies

Complementary

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



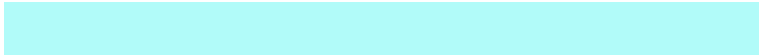
94, 23.884, 195.429



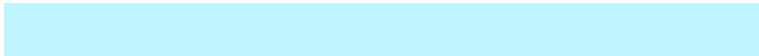
79, 28.965, 19.816

Rectangle

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



94, 23.884, 195.429



94, 23.884, 245.429



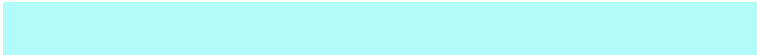
94, 23.884, 15.429



94, 23.884, 65.429

Sweetspot

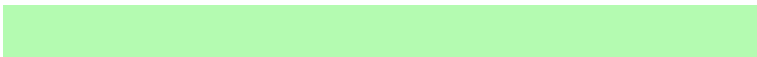
The Sweet Spot groups the original color and five complimentary colors.



94, 23.885, 195.425



98, 7.860, 196.676



93, 45.991, 141.578



52, 5.442, 196.576



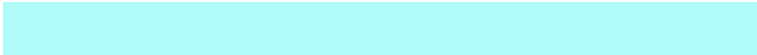
0, 0.000, 0.000



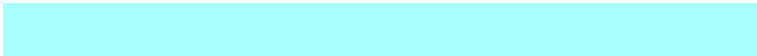
53, 0.007, 296.813

Same Dimension

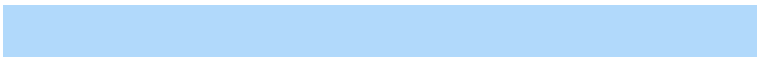
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 23.885, 195.425



95, 28.097, 195.120



85, 21.686, 256.268



51, 4.878, 196.642



69, 40.814, 192.310



23, 18.413, 192.814

Inverse Universe

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



79, 28.965, 19.816



77, 35.503, 20.585



87, 23.959, 68.197



49, 5.166, 17.751



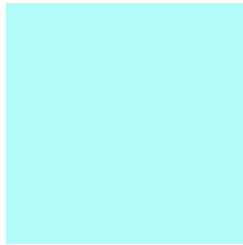
39, 82.188, 38.931



9, 31.997, 25.059

Previews

White Background



This preview shows how the CIE LCh color 94, 23.884, 195.429 looks on a white background.

Color Contrast Check

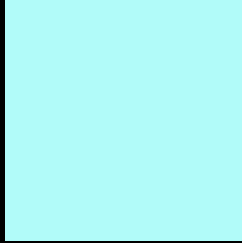
Large Text (above 18pt) WCAG AA × Fail

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 94, 23.884, 195.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

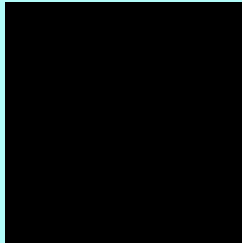
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 23.884, 195.429

Background



This preview shows how black text looks on a background with the CIELCh color 94, 23.884, 195.429.

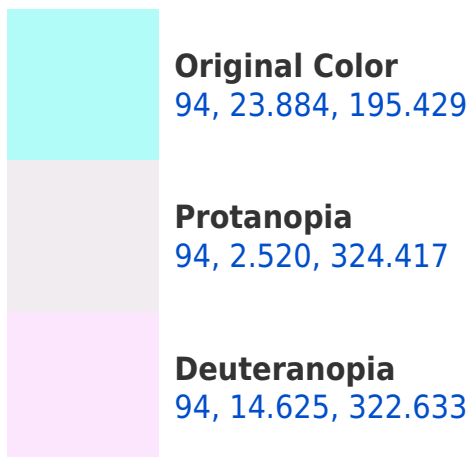


This preview shows how white text looks on a background with the CIELCh color 94, 23.884, 195.429.

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



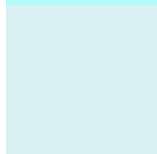


Tritanopia
94, 13.006, 227.289

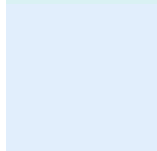
Trichromacy



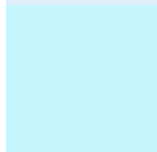
Original Color
94, 23.884, 195.429



Protanomaly
94, 8.277, 206.122



Deuteranomaly
94, 8.383, 258.888

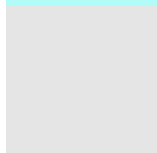


Tritanomaly
94, 16.398, 211.224

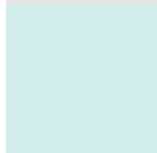
Monochromacy



Original Color
94, 23.884, 195.429



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 9.336, 195.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 23.884, 195.429 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(177, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(177, 251, 249)  
}
```

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(177, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 251, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 23.884, 195.429 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(177, 251, 249) }
```

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

```
.border{ border-color:rgb(177, 251, 249) }
```

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

Here you see how a box with a 4 pixel rgb(177, 251, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(177, 251,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 23.884, 195.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 251, 249) }
```

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

```
.background{ background-color: rgb(177,  
251, 249) }
```

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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