

Converting Colors

CIELCh(95, 29.407, 248.272)

Have a look what the booklet for
CIELCh(95, 29.407, 248.272)
contains.

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Color

CIElCh(94, 21.879, 206.271)

Conversions

Conversions Part 1

Format	Color
Hex	B6FAFF
RGB	182, 250, 255
RGB Percent	71%, 98%, 100%
CMY	0.2879, 0.0212, 0.0000
CMYK	0.29, 0.02, 0.00, 0.00
HSL	184°, 100%, 86%
HSV	184°, 29%, 100%
XYZ	71.3977, 85.2715, 107.8073
YIQ	230.2380, -42.1330, -12.8610

Conversions

Conversions Part 2

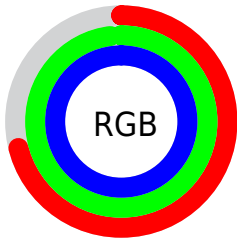
Format	Color
R_{YB}	182, 217, 255
Decimal	11991807
CIE Lab	94.00, -19.62, -9.68
CIE LCh	94, 21.879, 206.271
Yxy	85.2715, 0.2700, 0.3224
Android (android.graphics.Color)	4290181887 (0xFFB6FAFF)
YUV	230.2380, 12.2077, -42.3047
Hunter-Lab	92.3426, -23.5865, -4.5796

Details

The CIELCh color **94, 21.879, 206.271** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 26.853, 27.530**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **74, 21.647, 205.063** is the 20% darker color. If you saturate the color by 10%, you get **92, 28.219, 205.426**, and if you desaturate by 10%, it is **96, 14.799, 205.583**.

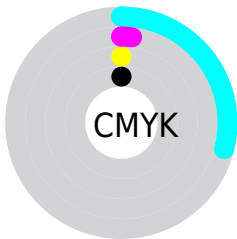
Distribution



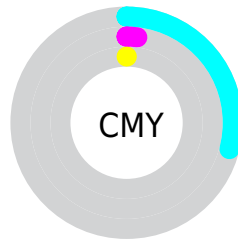
- Red (71%)
- Green (98%)
- Blue (100%)



- Red (71%)
- Yellow (85%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 21.879, 206.271 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, 21.879, 206.271 by changing the saturation by 10% instead.


 94, 21.879,
206.271


 94, 21.879,
206.271


 100, 21.879,
206.271


 84, 21.879,
206.271

 74, 21.879,
206.271

 64, 21.879,
206.271

 54, 21.879,
206.271

 44, 21.879,
206.271

 34, 21.879,
206.271

 24, 21.879,

206.271

■ 14, 21.879,
206.271

■ 4, 21.879, 206.271

■ 94, 21.879,
206.271

■ 94, 21.879,
206.271

■ 92, 28.219,
205.426

■ 96, 14.799,
205.583

■ 91, 33.695,
205.549

■ 98, 7.130, 205.847

■ 89, 38.187,
205.837

100, 0.012,
296.813

■ 88, 41.612,
206.317

■ 87, 43.939,
207.017

■ 86, 45.214,
207.961

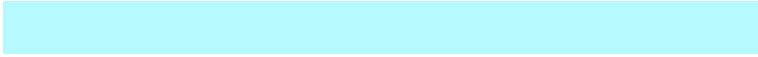
■ 86, 45.602,
209.149

■ 86, 45.624,
209.300

Harmonies

Complementary

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



94, 21.879, 206.271



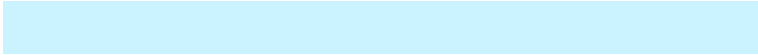
82, 26.853, 27.530

Rectangle

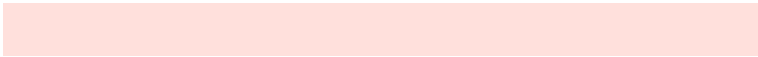
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 21.879, 206.271



94, 21.879, 256.271



94, 21.879, 26.271



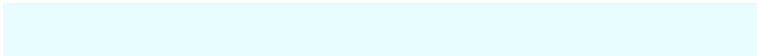
94, 21.879, 76.271

Sweetspot

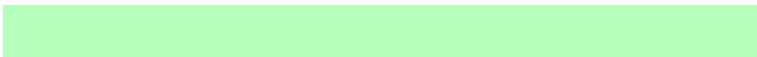
The Sweet Spot groups the original color and five complimentary colors.



94, 21.875, 205.444



98, 7.295, 205.839



94, 43.948, 144.226



52, 5.049, 205.791



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, 21.875, 205.444



93, 25.908, 205.418



84, 23.784, 266.885



52, 4.602, 205.822



66, 36.795, 209.057



22, 17.084, 207.392

Inverse Universe

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



83, 43.764, 328.140



79, 53.000, 328.496



91, 24.947, 78.489



50, 8.613, 327.007



45, 87.851, 331.403



12, 40.698, 330.994

Previews

White Background



This preview shows how the CIE LCh color 94, 21.879, 206.271 looks on a white background.

Color Contrast Check

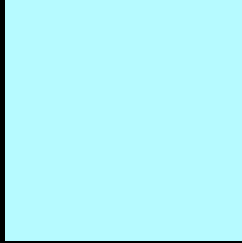
Large Text (above 18pt) WCAG AA × Fail

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, 21.879, 206.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

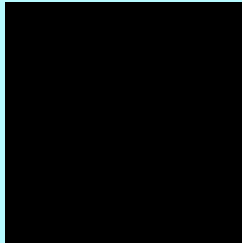
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 21.879, 206.271

Background



This preview shows how black text looks on a background with the CIELCh color 94, 21.879, 206.271.

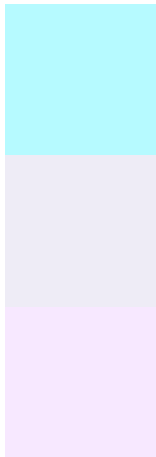


This preview shows how white text looks on a background with the CIELCh color 94, 21.879, 206.271.

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
94, 21.867, 204.894

Protanopia
94, 5.217, 298.272

Deuteranopia
94, 13.013, 314.563

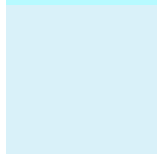


Tritanopia
94, 12.728, 227.983

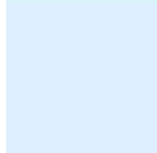
Trichromacy



Original Color
94, 21.867, 204.894



Protanomaly
94, 9.040, 226.203



Deuteranomaly
93, 10.020, 260.492

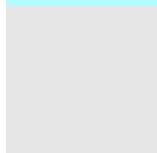


Tritanomaly
94, 15.804, 217.665

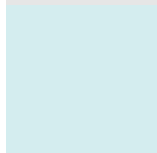
Monochromacy



Original Color
94, 21.867, 204.894



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 8.631, 205.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 21.879, 206.271 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(182, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 250, 255)  
}
```

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(182, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 21.879, 206.271 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(182, 250, 255) }
```

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

```
.border{ border-color:rgb(182, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 21.879, 206.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 250, 255) }
```

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

```
.background{ background-color: rgb(182,  
250, 255) }
```

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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