

Converting Colors

CIELCh(94, 27.207, 177.583)

Have a look what the booklet for
CIELCh(94, 27.207, 177.583)
contains.

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Color

CIElCh(94, 27.296, 177.760)

Conversions

Conversions Part 1

Format	Color
Hex	B0FDEB
RGB	176, 253, 235
RGB Percent	69%, 99%, 92%
CMY	0.3108, 0.0088, 0.0794
CMYK	0.30, 0.00, 0.07, 0.01
HSL	166°, 94%, 84%
HSV	166°, 30%, 99%
XYZ	67.8502, 85.2715, 91.2881
YIQ	227.9250, -40.1140, -21.9220

Conversions

Conversions Part 2

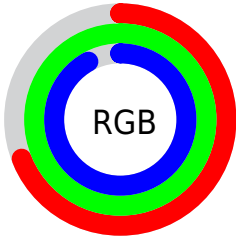
Format	Color
RYB	176, 220, 253
Decimal	11599339
CIELab	94.00, -27.28, 1.07
CIELCh	94, 27.296, 177.760
Yxy	85.2715, 0.2776, 0.3489
Android (android.graphics.Color)	4289789419 (0xFFB0FDEB)
YUV	227.9250, 3.4880, -45.5382
Hunter-Lab	92.3426, -30.4438, 6.0268

Details

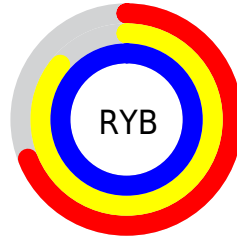
The CIELCh color **94, 27.296, 177.760** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 30.630, 4.186**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **74, 27.258, 177.502** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.327, 176.632**, and if you desaturate by 10%, it is **96, 18.702, 178.807**.

Distribution



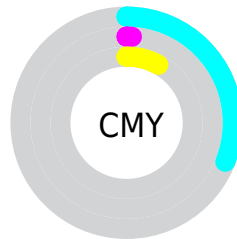
- Red (69%)
- Green (99%)
- Blue (92%)



- Red (69%)
- Yellow (86%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)





- Cyan (31%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 27.296, 177.760 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, 27.296, 177.760 by changing the saturation by 10% instead.

 94, 27.296,
177.760


 94, 27.296,
177.760

 100, 27.296,
177.760


 84, 27.296,
177.760

 74, 27.296,
177.760

 64, 27.296,
177.760

 54, 27.296,
177.760

 44, 27.296,
177.760

 34, 27.296,
177.760

 24, 27.296,

177.760

■ 14, 27.296,
177.760

■ 4, 27.296, 177.760

■ 94, 27.296,
177.760

■ 94, 27.296,
177.760

■ 93, 35.327,
176.632

■ 96, 18.702,
178.807

■ 92, 42.631,
175.407

■ 97, 9.698, 179.811

■ 91, 49.063,
174.061

■ 99, 0.428, 182.060

99, 1.408, 324.271

■ 90, 54.513,
172.568

■ 89, 58.930,
170.904

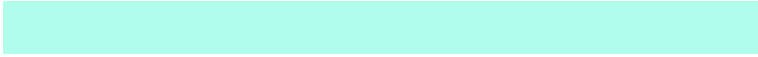
■ 89, 62.345,
169.053

■ 89, 64.856,
167.144

Harmonies

Complementary

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



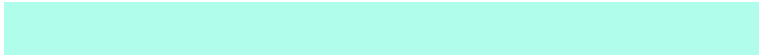
94, 27.296, 177.760



79, 30.630, 4.186

Rectangle

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



94, 27.296, 177.760



94, 27.296, 227.760



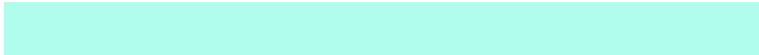
94, 27.296, 357.760



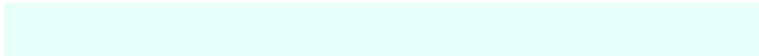
94, 27.296, 47.760

Sweetspot

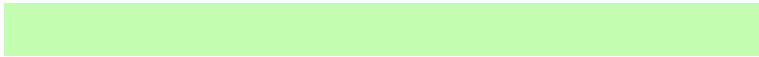
The Sweet Spot groups the original color and five complimentary colors.



94, 27.297, 177.758



98, 8.415, 179.958



94, 44.617, 135.751



52, 5.839, 179.811



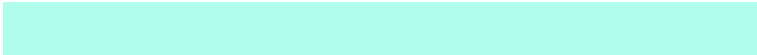
0, 0.000, 0.000



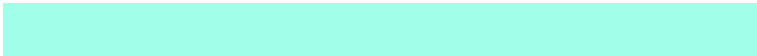
53, 0.007, 296.813

Same Dimension

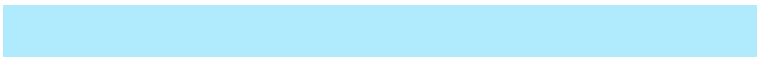
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 27.297, 177.758



94, 32.854, 177.030



89, 20.579, 227.711



52, 5.313, 179.907



69, 52.324, 167.511



23, 23.219, 170.227

Inverse Universe

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



79, 30.630, 4.186



76, 37.873, 5.224



83, 25.204, 44.367



50, 5.499, 1.561



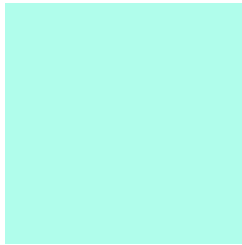
40, 73.344, 26.961



10, 31.789, 16.934

Previews

White Background



This preview shows how the CIE LCh color 94, 27.296, 177.760 looks on a white background.

Color Contrast Check

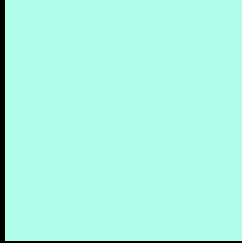
Large Text (above 18pt) WCAG AA × Fail

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, 27.296, 177.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

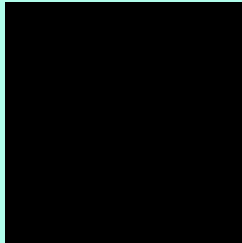
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 27.296, 177.760

Background



This preview shows how black text looks on a background with the CIELCh color 94, 27.296, 177.760.

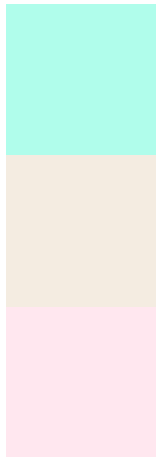


This preview shows how white text looks on a background with the CIELCh color 94, 27.296, 177.760.

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, 27.296, 177.760

Protanopia
94, 6.329, 82.412

Deuteranopia
94, 9.541, 354.530

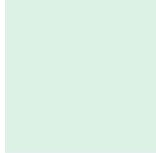


Tritanopia
94, 13.006, 227.289

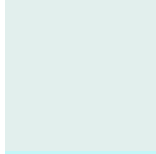
Trichromacy



Original Color
94, 27.296, 177.760



Protanomaly
94, 10.589, 159.581

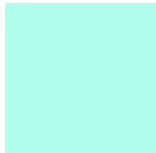


Deuteranomaly
93, 4.681, 186.499

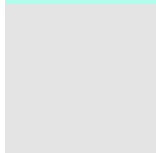


Tritanomaly
94, 16.901, 200.119

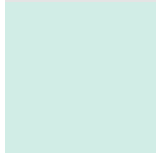
Monochromacy



Original Color
94, 27.296, 177.760



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.468, 178.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 27.296, 177.760 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(176, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(176, 253, 235)  
}
```

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(176, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 253, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 27.296, 177.760 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(176, 253, 235) }
```

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

```
.border{ border-color:rgb(176, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(176, 253,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 27.296, 177.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 253, 235) }
```

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

```
.background{ background-color: rgb(176,  
253, 235) }
```

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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