

Converting Colors

CIELCh(94, 29.982, 177.487)

Have a look what the booklet for
CIELCh(94, 29.982, 177.487)
contains.

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Color

CIELCh(94, 29.924, 177.310)

Conversions

Conversions Part 1

Format	Color
Hex	A9FEEA
RGB	169, 254, 234
RGB Percent	66%, 100%, 92%
CMY	0.3372, 0.0038, 0.0823
CMYK	0.33, 0.00, 0.08, 0.00
HSL	166°, 98%, 83%
HSV	166°, 33%, 100%
XYZ	66.6656, 85.2715, 90.7989
YIQ	226.3050, -44.2400, -24.2400

Conversions

Conversions Part 2

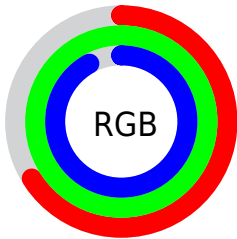
Format	Color
R _Y B	169, 217, 254
Decimal	11140842
CIE Lab	94.00, -29.89, 1.40
CIE LCh	94, 29.924, 177.310
Yxy	85.2715, 0.2746, 0.3513
Android (android.graphics.Color)	4289330922 (0xFFA9FEEA)
YUV	226.3050, 3.7936, -50.2565
Hunter-Lab	92.3426, -32.7337, 6.3410

Details

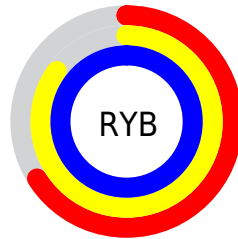
The CIELCh color **94, 29.924, 177.310** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 33.973, 4.530**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **74, 30.103, 177.041** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.797, 176.152**, and if you desaturate by 10%, it is **95, 21.437, 178.380**.

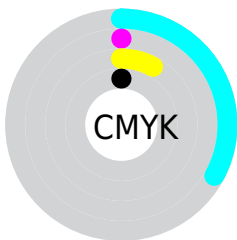
Distribution



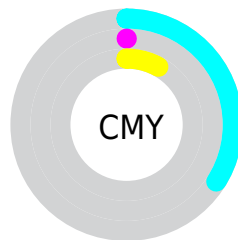
- Red (66%)
- Green (100%)
- Blue (92%)



- Red (66%)
- Yellow (85%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 29.924, 177.310 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, 29.924, 177.310 by changing the saturation by 10% instead.


 94, 29.924,
177.310


 94, 29.924,
177.310


 100, 29.924,
177.310


 84, 29.924,
177.310

 74, 29.924,
177.310

 64, 29.924,
177.310

 54, 29.924,
177.310

 44, 29.924,
177.310

 34, 29.924,
177.310

 24, 29.924,

177.310

■ 14, 29.924,
177.310

■ 4, 29.924, 177.310

■ 94, 29.924,
177.310

■ 94, 29.924,
177.310

■ 93, 37.797,
176.152

■ 95, 21.437,
178.380

■ 92, 44.896,
174.891

■ 97, 12.494,
179.394

■ 91, 51.081,
173.499

■ 99, 3.245, 180.466

■ 90, 56.258,
171.951

100, 0.618,
323.962

■ 90, 60.398,
170.226

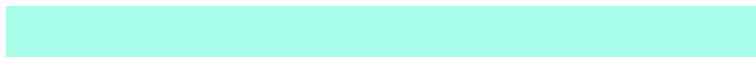
■ 89, 63.562,
168.313

■ 89, 65.243,
166.991

Harmonies

Complementary

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



94, 29.924, 177.310



78, 33.973, 4.530

Rectangle

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



94, 29.924, 177.310



94, 29.924, 227.310



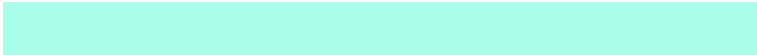
94, 29.924, 357.310



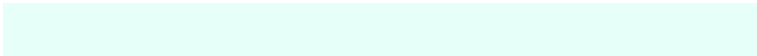
94, 29.924, 47.310

Sweetspot

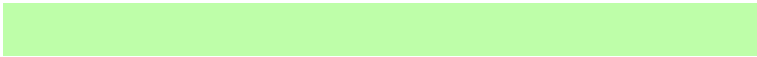
The Sweet Spot groups the original color and five complimentary colors.



94, 29.925, 177.308



98, 9.348, 179.740



94, 49.164, 135.571



52, 6.367, 179.599



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

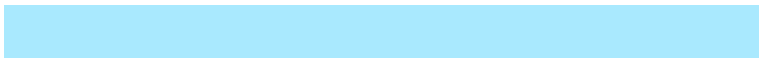
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 29.925, 177.308



93, 35.260, 176.562



89, 22.455, 228.056



52, 5.318, 179.790



69, 52.430, 167.365



23, 23.260, 170.090

Inverse Universe

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



78, 33.973, 4.530



74, 41.118, 5.631



82, 28.148, 44.324



50, 5.502, 1.445



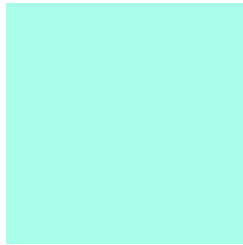
40, 73.273, 26.834



10, 31.780, 16.846

Previews

White Background



This preview shows how the CIE LCh color 94, 29.924, 177.310 looks on a white background.

Color Contrast Check

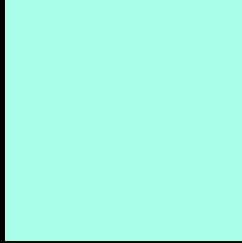
Large Text (above 18pt) WCAG AA × Fail

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, 29.924, 177.310 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, 29.924, 177.310

Background



This preview shows how black text looks on a background with the CIELCh color 94, 29.924, 177.310.

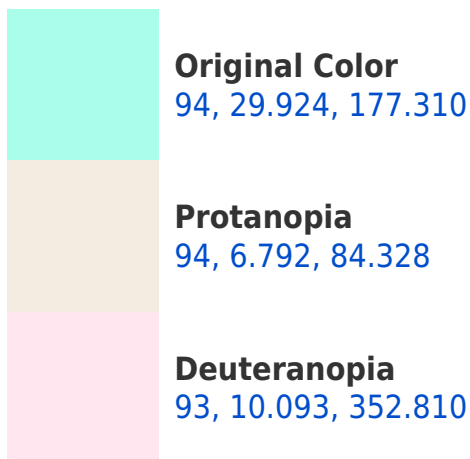


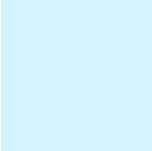
This preview shows how white text looks on a background with the CIELCh color 94, 29.924, 177.310.

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



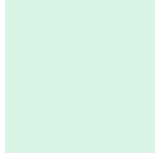


Tritanopia
94, 13.366, 223.919

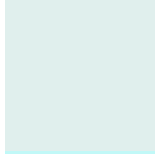
Trichromacy



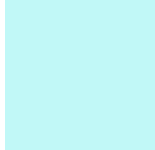
Original Color
94, 29.924, 177.310



Protanomaly
94, 12.068, 158.913



Deuteranomaly
93, 5.357, 188.057

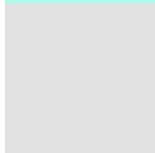


Tritanomaly
94, 18.219, 196.642

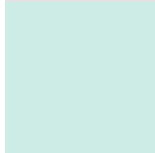
Monochromacy



Original Color
94, 29.924, 177.310



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.433, 180.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 29.924, 177.310 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(169, 254, 234)` looks like.

```
.text, #text, p{  
    color:rgb(169, 254, 234)  
}
```

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(169, 254, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 254, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 29.924, 177.310 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(169, 254, 234) }
```

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

```
.border{ border-color:rgb(169, 254, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 254, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 254, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 254, 234);  
box-shadow:4px 4px 4px 4px rgb(169, 254,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 29.924, 177.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 254, 234) }
```

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

```
.background{ background-color: rgb(169,  
254, 234) }
```

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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