

Converting Colors

CIELCh(94, 28.587, 182.782)

Have a look what the booklet for
CIELCh(94, 28.587, 182.782)
contains.

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Color

CIElCh(94, 28.835, 181.978)

Conversions

Conversions Part 1

Format	Color
Hex	A9FEEF
RGB	169, 254, 239
RGB Percent	66%, 100%, 94%
CMY	0.3386, 0.0053, 0.0641
CMYK	0.34, 0.00, 0.06, 0.01
HSL	169°, 97%, 83%
HSV	169°, 34%, 99%
XYZ	67.1499, 85.2715, 94.3156
YIQ	226.8750, -45.8450, -22.6850

Conversions

Conversions Part 2

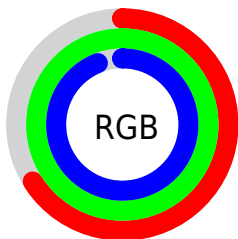
Format	Color
RYB	169, 216, 254
Decimal	11140847
CIELab	94.00, -28.82, -1.00
CIELCh	94, 28.835, 181.978
Yxy	85.2715, 0.2722, 0.3456
Android (android.graphics.Color)	4289330927 (0xFFA9FEEF)
YUV	226.8750, 5.9776, -50.7564
Hunter-Lab	92.3426, -31.7975, 4.0830

Details

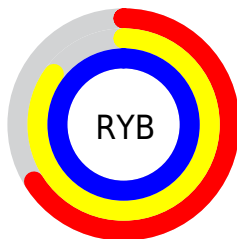
The CIELCh color **94, 28.835, 181.978** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 33.608, 8.957**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **74, 28.901, 181.917** is the 20% darker color. If you saturate the color by 10%, you get **93, 36.243, 180.927**, and if you desaturate by 10%, it is **95, 20.756, 182.965**.

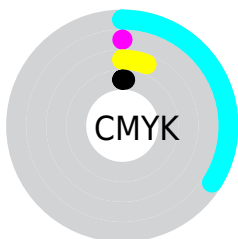
Distribution



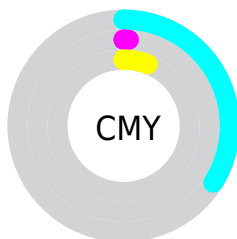
- Red (66%)
- Green (100%)
- Blue (94%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (34%)
- Magenta (1%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 28.835, 181.978 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, 28.835, 181.978 by changing the saturation by 10% instead.

 94, 28.835,
181.978


 94, 28.835,
181.978

 100, 28.835,
181.978


 84, 28.835,
181.978

 74, 28.835,
181.978

 64, 28.835,
181.978

 54, 28.835,
181.978

 44, 28.835,
181.978

 34, 28.835,
181.978

 24, 28.835,

181.978

■ 14, 28.835,
181.978

■ 4, 28.835, 181.978

■ 94, 28.835,
181.978

■ 94, 28.835,
181.978

■ 93, 36.243,
180.927

■ 95, 20.756,
182.965

■ 92, 42.826,
179.800

■ 97, 12.161,
183.917

■ 91, 48.454,
178.573

■ 99, 3.200, 184.950

■ 90, 53.042,
177.224

100, 0.844,
324.104

■ 90, 56.570,
175.728

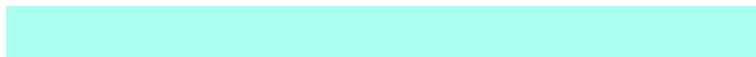
■ 90, 59.107,
174.071

■ 90, 60.364,
172.931

Harmonies

Complementary

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



94, 28.835, 181.978



78, 33.608, 8.957

Rectangle

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



94, 28.835, 181.978



94, 28.835, 231.978



94, 28.835, 1.978



94, 28.835, 51.978

Sweetspot

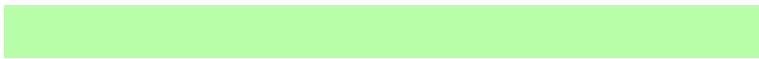
The Sweet Spot groups the original color and five complimentary colors.



94, 28.836, 181.975



98, 9.092, 184.251



93, 50.199, 137.439



52, 6.190, 184.116



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

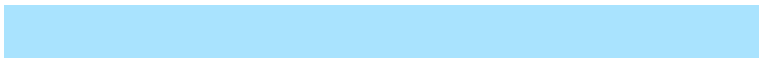
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 28.836, 181.975



94, 33.876, 181.301



87, 22.529, 237.428



52, 5.173, 184.299



69, 48.630, 173.253



23, 21.787, 175.589

Inverse Universe

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



78, 33.608, 8.957



74, 40.801, 10.067



84, 27.530, 51.399



50, 5.387, 5.881



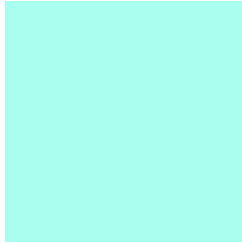
40, 76.125, 31.304



10, 32.124, 19.865

Previews

White Background



This preview shows how the CIE LCh color 94, 28.835, 181.978 looks on a white background.

Color Contrast Check

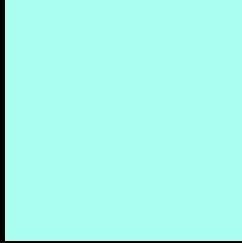
Large Text (above 18pt) WCAG AA × Fail

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, 28.835, 181.978 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

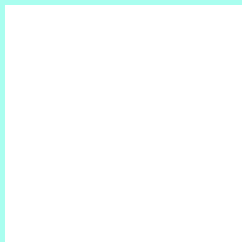
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 28.835, 181.978

Background



This preview shows how black text looks on a background with the CIELCh color 94, 28.835, 181.978.

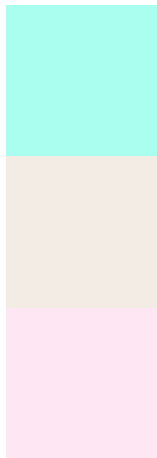


This preview shows how white text looks on a background with the CIELCh color 94, 28.835, 181.978.

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, 28.835, 181.978

Protanopia
94, 4.801, 78.088

Deuteranopia
94, 11.159, 343.360

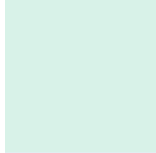


Tritanopia
94, 13.652, 223.342

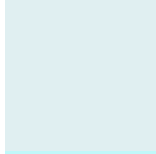
Trichromacy



Original Color
94, 28.835, 181.978



Protanomaly
93, 10.525, 169.439

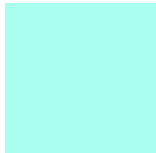


Deuteranomaly
93, 5.286, 210.453

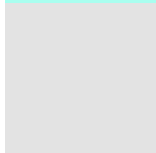


Tritanomaly
94, 18.422, 199.879

Monochromacy



Original Color
94, 28.835, 181.978



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.243, 182.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 28.835, 181.978 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(169, 254, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 254, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 28.835, 181.978 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, 239) }
```

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

```
.border{ border-color:rgb(169, 254, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 254, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 254, 239);  
box-shadow:4px 4px 4px 4px rgb(169, 254,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 28.835, 181.978 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, 239) }
```

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

```
.background{ background-color: rgb(169,  
254, 239) }
```

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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