

Converting Colors

CIELCh(93, 26.845, 200.936)

Have a look what the booklet for
CIELCh(93, 26.845, 200.936)
contains.

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Color

CIElCh(93, 26.922, 199.959)

Conversions

Conversions Part 1

Format	Color
Hex	A4FAFC
RGB	164, 250, 252
RGB Percent	64%, 98%, 99%
CMY	0.3584, 0.0212, 0.0134
CMYK	0.35, 0.01, 0.00, 0.01
HSL	181°, 93%, 81%
HSV	181°, 35%, 99%
XYZ	66.7898, 82.9670, 104.2479
YIQ	224.5140, -51.8980, -17.6100

Conversions

Conversions Part 2

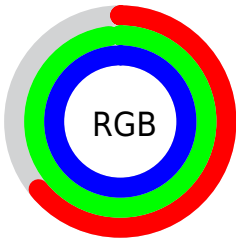
Format	Color
RYB	164, 207, 252
Decimal	10812156
CIELab	93.00, -25.30, -9.19
CIElCh	93, 26.922, 199.959
Yxy	82.9670, 0.2629, 0.3266
Android (android.graphics.Color)	4289002236 (0xFFA4FAFC)
YUV	224.5140, 13.5506, -53.0708
Hunter-Lab	91.0862, -28.5143, -4.0969

Details

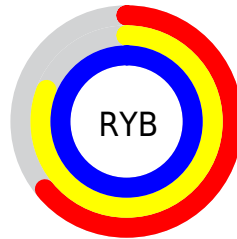
The CIELCh color **93, 26.922, 199.959** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 34.559, 24.222**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **73, 26.749, 199.754** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.994, 199.701**, and if you desaturate by 10%, it is **94, 20.010, 200.292**.

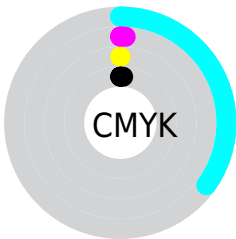
Distribution



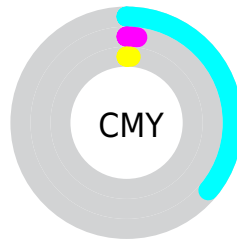
- Red (64%)
- Green (98%)
- Blue (99%)



- Red (64%)
- Yellow (81%)
- Blue (99%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (36%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 26.922, 199.959 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 93, 26.922, 199.959 by changing the saturation by 10% instead.

■ 93, 26.922,
199.959

■ 93, 26.922,
199.959

■ 100, 26.922,
199.959

■ 83, 26.922,
199.959

■ 73, 26.922,
199.959

■ 63, 26.922,
199.959

■ 53, 26.922,
199.959

■ 43, 26.922,
199.959

■ 33, 26.922,
199.959

■ 23, 26.922,

199.959

■ 13, 26.922,
199.959

■ 3, 26.922, 199.959

■ 93, 26.922,
199.959

■ 93, 26.922,
199.959

■ 92, 32.994,
199.701

■ 94, 20.010,
200.292

■ 91, 38.101,
199.537

■ 96, 12.399,
200.706

■ 90, 42.149,
199.471

■ 98, 4.229, 201.257

■ 89, 45.093,
199.510

■ 99, 1.103, 26.474

■ 99, 0.987, 44.931

89, 46.955,
199.658

99, 0.991, 65.551

100, 1.115, 83.712

88, 47.836,
199.913

100, 1.324, 97.202

88, 48.026,
200.070

100, 1.585,
106.635

Harmonies

Complementary

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



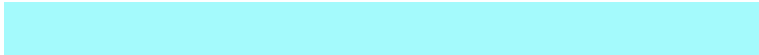
93, 26.922, 199.959



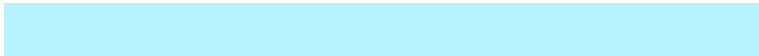
76, 34.559, 24.222

Rectangle

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



93, 26.922, 199.959



93, 26.922, 249.959



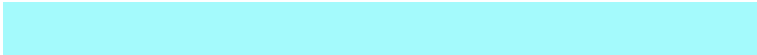
93, 26.922, 19.959



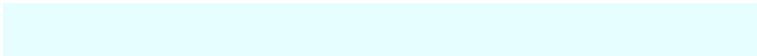
93, 26.922, 69.959

Sweetspot

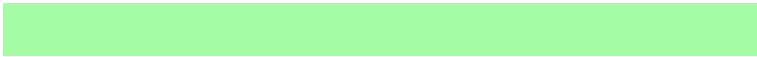
The Sweet Spot groups the original color and five complimentary colors.



93, 26.922, 199.956



98, 8.488, 200.948



92, 54.485, 142.294



52, 5.769, 200.876



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

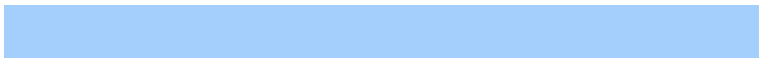
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 26.922, 199.956



93, 31.623, 199.767



81, 26.976, 263.071



51, 4.753, 200.975



68, 38.711, 200.004



22, 17.583, 199.534

Inverse Universe

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



78, 54.212, 326.978



76, 65.269, 327.343



86, 29.487, 72.723



49, 8.772, 325.559



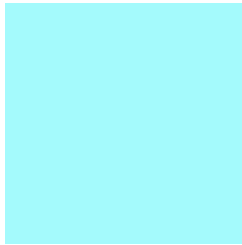
45, 90.531, 329.156



11, 41.052, 329.037

Previews

White Background



This preview shows how the CIE LCh color 93, 26.922, 199.959 looks on a white background.

Color Contrast Check

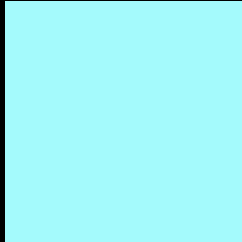
Large Text (above 18pt) WCAG AA × Fail

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 93, 26.922, 199.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

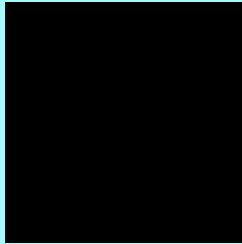
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 26.922, 199.959

Background



This preview shows how black text looks on a background with the CIELCh color 93, 26.922, 199.959.

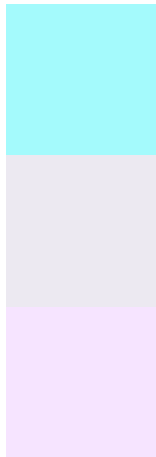


This preview shows how white text looks on a background with the CIELCh color 93, 26.922, 199.959.

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


93, 26.922, 199.959

Protanopia

93, 4.285, 304.737

Deuteranopia

93, 15.358, 315.101

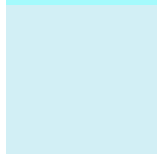


Tritanopia
93, 16.264, 223.069

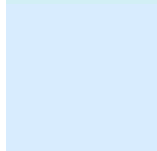
Trichromacy



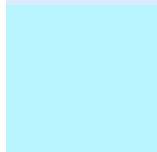
Original Color
93, 26.922, 199.959



Protanomaly
93, 10.236, 216.539



Deuteranomaly
92, 11.328, 254.571

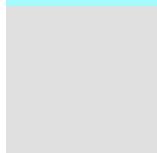


Tritanomaly
93, 20.028, 211.737

Monochromacy



Original Color
93, 26.922, 199.959



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 10.628, 201.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 26.922, 199.959 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(164, 250, 252)` looks like.

```
.text, #text, p{  
    color:rgb(164, 250, 252)  
}
```

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(164, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 250, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 26.922, 199.959 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(164, 250, 252) }
```

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

```
.border{ border-color:rgb(164, 250, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 250, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(164, 250,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 26.922, 199.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 250, 252) }
```

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

```
.background{ background-color: rgb(164,  
250, 252) }
```

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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