

Converting Colors

CIELCh(93, 29.644, 197.575)

Have a look what the booklet for
CIELCh(93, 29.644, 197.575)
contains.

CIELCh(93, 29.658, 197.569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 29.658, 197.569)

Conversions

Conversions Part 1

Format	Color
Hex	9BFBFB
RGB	155, 251, 251
RGB Percent	61%, 98%, 98%
CMY	0.3919, 0.0155, 0.0155
CMYK	0.38, 0.00, 0.00, 0.02
HSL	180°, 92%, 80%
HSV	180°, 38%, 98%
XYZ	65.4601, 82.9670, 103.8718
YIQ	222.2960, -57.2160, -20.3520

Conversions

Conversions Part 2

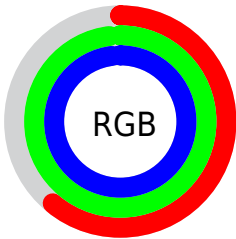
Format	Color
RYB	155, 203, 251
Decimal	10222587
CIELab	93.00, -28.27, -8.95
CIELCh	93, 29.658, 197.569
Yxy	82.9670, 0.2595, 0.3288
Android (android.graphics.Color)	4288412667 (0xFF9BF8FB)
YUV	222.2960, 14.1511, -59.0186
Hunter-Lab	91.0862, -31.1199, -3.8520

Details

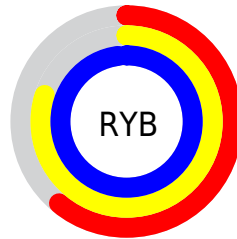
The CIELCh color **93, 29.658, 197.569** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 38.940, 23.090**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **73, 29.645, 198.252** is the 20% darker color. If you saturate the color by 10%, you get **92, 35.574, 197.206**, and if you desaturate by 10%, it is **94, 22.848, 197.989**.

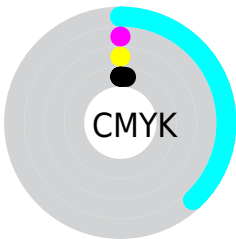
Distribution



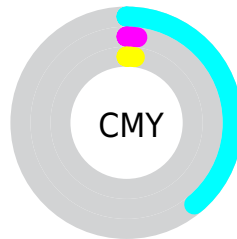
- Red (61%)
- Green (98%)
- Blue (98%)



- Red (61%)
- Yellow (80%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (39%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 29.658, 197.569 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, 29.658, 197.569 by changing the saturation by 10% instead.


 93, 29.658,
197.569


 93, 29.658,
197.569


 100, 29.658,
197.569


 83, 29.658,
197.569

 73, 29.658,
197.569

 63, 29.658,
197.569

 53, 29.658,
197.569

 43, 29.658,
197.569

 33, 29.658,
197.569

 23, 29.658,

197.569

■ 13, 29.658,
197.569

■ 3, 29.658, 197.569

■ 93, 29.658,
197.569

■ 93, 29.658,
197.569

■ 92, 35.574,
197.206

■ 94, 22.848,
197.989

■ 91, 40.480,
196.913

■ 96, 15.280,
198.474

■ 91, 44.301,
196.687

■ 97, 7.099, 199.040

■ 90, 47.017,
196.528

■ 99, 1.386, 19.020

■ 99, 1.386, 19.004

90, 48.678,
196.431

99, 1.386, 18.988

90, 49.437,
196.387

99, 1.386, 18.971

90, 49.527,
196.382

99, 1.386, 18.955

99, 1.387, 18.939

Harmonies

Complementary

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



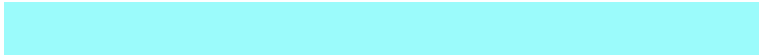
93, 29.658, 197.569



74, 38.940, 23.090

Rectangle

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



93, 29.658, 197.569



93, 29.658, 247.569



93, 29.658, 17.569



93, 29.658, 67.569

Sweetspot

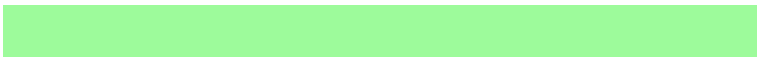
The Sweet Spot groups the original color and five complimentary colors.



93, 29.658, 197.566



98, 9.531, 198.870



91, 59.670, 141.176



52, 6.380, 198.792



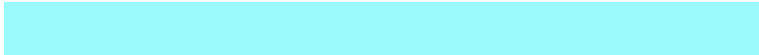
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 29.658, 197.566



94, 34.764, 197.280



80, 28.330, 260.100



51, 4.864, 198.961



69, 39.964, 196.382



23, 18.081, 196.382

Inverse Universe

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



74, 38.940, 23.090



70, 48.657, 24.437



84, 31.995, 68.890



49, 5.167, 19.939



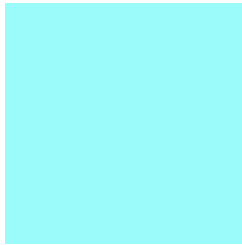
39, 83.390, 39.999



9, 32.195, 26.138

Previews

White Background



This preview shows how the CIE LCh color 93, 29.658, 197.569 looks on a white background.

Color Contrast Check

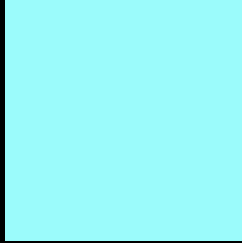
Large Text (above 18pt) WCAG AA × Fail

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, 29.658, 197.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

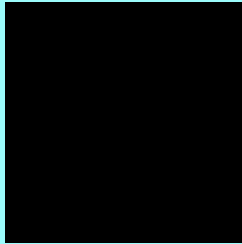
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 29.658, 197.569

Background



This preview shows how black text looks on a background with the CIELCh color 93, 29.658, 197.569.

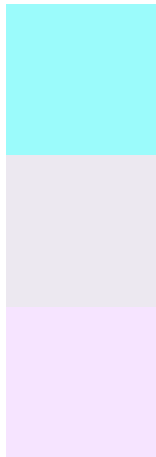


This preview shows how white text looks on a background with the CIELCh color 93, 29.658, 197.569.

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, 29.658, 197.569

Protanopia
93, 4.392, 309.184

Deuteranopia
93, 15.358, 315.101



Tritanopia
93, 16.941, 220.060

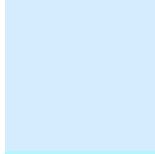
Trichromacy



Original Color
93, 29.658, 197.569



Protanomaly
92, 11.072, 212.323



Deuteranomaly
92, 11.911, 250.681

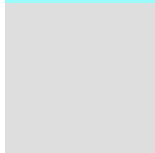


Tritanomaly
93, 21.383, 209.348

Monochromacy



Original Color
93, 29.658, 197.569



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 11.964, 198.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 29.658, 197.569 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(155, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(155, 251, 251)  
}
```

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(155, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 251, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 29.658, 197.569 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(155, 251, 251) }
```

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

```
.border{ border-color:rgb(155, 251, 251) }
```

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

Here you see how a box with a 4 pixel rgb(155, 251, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(155, 251,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 29.658, 197.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 251, 251) }
```

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

```
.background{ background-color: rgb(155,  
251, 251) }
```

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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