

Converting Colors

CIELCh(94, 34.526, 240.908)

Have a look what the booklet for
CIELCh(94, 34.526, 240.908)
contains.

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Color

CIELCh(93, 29.115, 202.764)

Conversions

Conversions Part 1

Format	Color
Hex	9CFBFF
RGB	156, 251, 255
RGB Percent	61%, 98%, 100%
CMY	0.3901, 0.0176, 0.0000
CMYK	0.39, 0.02, 0.00, 0.00
HSL	183°, 100%, 80%
HSV	183°, 39%, 100%
XYZ	66.0971, 82.9670, 107.5763
YIQ	223.0510, -57.9040, -18.8960

Conversions

Conversions Part 2

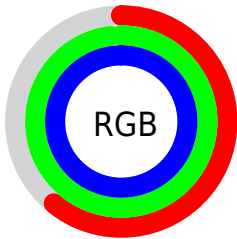
Format	Color
RYB	156, 204, 255
Decimal	10288127
CIELab	93.00, -26.85, -11.27
CIELCh	93, 29.115, 202.764
Yxy	82.9670, 0.2575, 0.3233
Android (android.graphics.Color)	4288478207 (0xFF9CFBFF)
YUV	223.0510, 15.7509, -58.8037
Hunter-Lab	91.0862, -29.8718, -6.2633

Details

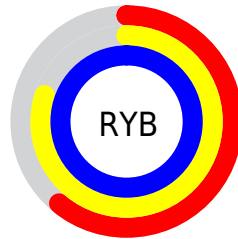
The CIELCh color **93, 29.115, 202.764** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 38.805, 26.385**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **73, 29.184, 201.563** is the 20% darker color. If you saturate the color by 10%, you get **92, 34.749, 202.143**, and if you desaturate by 10%, it is **95, 22.631, 202.401**.

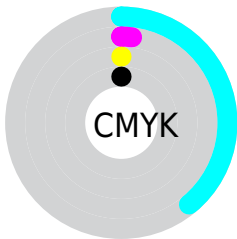
Distribution



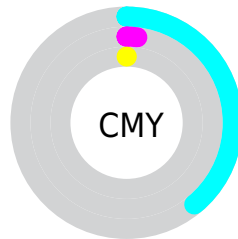
- Red (61%)
- Green (98%)
- Blue (100%)



- Red (61%)
- Yellow (80%)
- Blue (100%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 29.115, 202.764 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, 29.115, 202.764 by changing the saturation by 10% instead.


 93, 29.115,
202.764


 93, 29.115,
202.764


 100, 29.115,
202.764


 83, 29.115,
202.764

 73, 29.115,
202.764

 63, 29.115,
202.764


 53, 29.115,
202.764


 43, 29.115,
202.764


 33, 29.115,
202.764

 23, 29.115,


202.764


 13, 29.115,
202.764


 3, 29.115, 202.764


 93, 29.115,
202.764


 93, 29.115,
202.764

 92, 34.749,
202.143


 95, 22.631,
202.401

 91, 39.357,
202.192

 96, 15.373,
202.680

 90, 42.878,
202.380

 98, 7.503, 203.063

 89, 45.289,
202.721

100, 0.012,
296.813

■ 88, 46.637,
203.225

■ 88, 47.097,
203.886

■ 88, 47.122,
203.955

Harmonies

Complementary

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



93, 29.115, 202.764



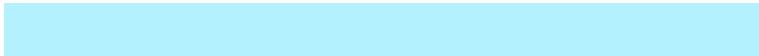
75, 38.805, 26.385

Rectangle

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



93, 29.115, 202.764



93, 29.115, 252.764



93, 29.115, 22.764



93, 29.115, 72.764

Sweetspot

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



93, 29.135, 202.218



98, 9.910, 202.934



92, 60.561, 142.332



52, 6.549, 202.882



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, 29.135, 202.218



92, 33.697, 202.149



80, 30.943, 265.772



52, 4.727, 203.041



68, 37.990, 203.817



23, 17.595, 202.869

Inverse Universe

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



77, 59.974, 327.847



73, 71.327, 328.263



87, 33.813, 73.852



50, 8.784, 326.182



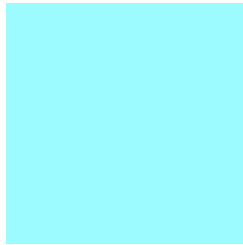
45, 89.849, 330.111



12, 41.511, 329.875

Previews

White Background



This preview shows how the CIE LCh color 93, 29.115, 202.764 looks on a white background.

Color Contrast Check

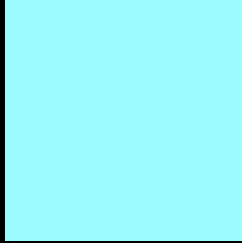
Large Text (above 18pt) WCAG AA × Fail

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, 29.115, 202.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

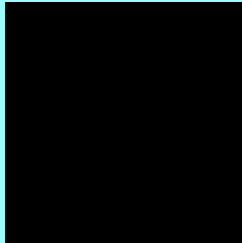
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 29.115, 202.764

Background



This preview shows how black text looks on a background with the CIELCh color 93, 29.115, 202.764.

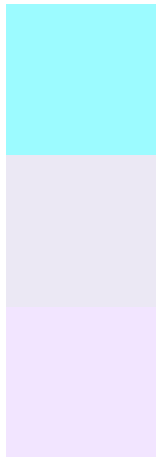


This preview shows how white text looks on a background with the CIELCh color 93, 29.115, 202.764.

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, 29.153, 201.722

Protanopia
93, 6.312, 300.216

Deuteranopia
93, 14.237, 309.521

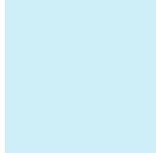


Tritanopia
93, 16.941, 220.060

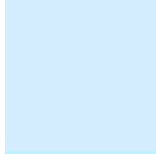
Trichromacy



Original Color
93, 29.153, 201.722



Protanomaly
92, 11.892, 221.905

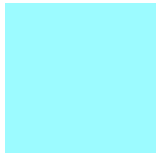


Deuteranomaly
92, 12.528, 247.178

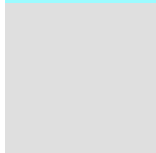


Tritanomaly
93, 21.428, 210.754

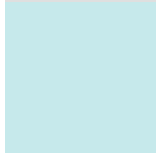
Monochromacy



Original Color
93, 29.153, 201.722



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 11.935, 203.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 29.115, 202.764 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(156, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 251, 255)  
}
```

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(156, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 29.115, 202.764 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(156, 251, 255) }
```

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

```
.border{ border-color:rgb(156, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 29.115, 202.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 251, 255) }
```

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

```
.background{ background-color: rgb(156,  
251, 255) }
```

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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