

Converting Colors

CIELCh(93, 29.997, 201.243)

Have a look what the booklet for
CIELCh(93, 29.997, 201.243)
contains.

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Color

CIELCh(93, 29.904, 201.574)

Conversions

Conversions Part 1

Format	Color
Hex	99FBFF
RGB	153, 251, 255
RGB Percent	60%, 98%, 100%
CMY	0.4001, 0.0158, 0.0001
CMYK	0.40, 0.02, 0.00, 0.00
HSL	182°, 100%, 80%
HSV	182°, 40%, 100%
XYZ	65.6674, 82.9670, 107.1396
YIQ	222.1540, -59.6920, -19.5320

Conversions

Conversions Part 2

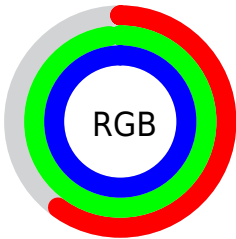
Format	Color
R _Y B	153, 203, 255
Decimal	10091519
CIE Lab	93.00, -27.81, -11.00
CIE LCh	93, 29.904, 201.574
Yxy	82.9670, 0.2567, 0.3244
Android (android.graphics.Color)	4288281599 (0xFF99FBFF)
YUV	222.1540, 16.1931, -60.6481
Hunter-Lab	91.0862, -30.7137, -5.9791

Details

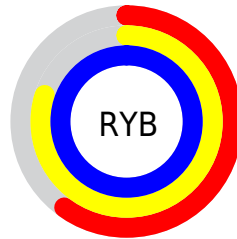
The CIELCh color **93, 29.904, 201.574** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 40.129, 26.097**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **73, 29.837, 201.423** is the 20% darker color. If you saturate the color by 10%, you get **92, 35.458, 201.469**, and if you desaturate by 10%, it is **94, 23.444, 201.777**.

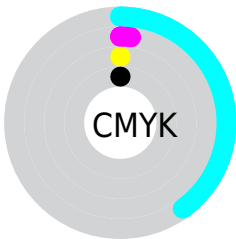
Distribution



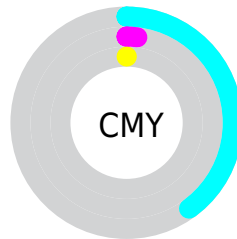
- Red (60%)
- Green (98%)
- Blue (100%)



- Red (60%)
- Yellow (80%)
- Blue (100%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 29.904, 201.574 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, 29.904, 201.574 by changing the saturation by 10% instead.


 93, 29.904,
201.574


 93, 29.904,
201.574


 100, 29.904,
201.574


 83, 29.904,
201.574

 73, 29.904,
201.574

 63, 29.904,
201.574

 53, 29.904,
201.574

 43, 29.904,
201.574

 33, 29.904,
201.574

 23, 29.904,

201.574

■ 13, 29.904,
201.574

■ 3, 29.904, 201.574

■ 93, 29.904,
201.574

■ 93, 29.904,
201.574

■ 92, 35.458,
201.469

■ 94, 23.444,
201.777

■ 91, 39.992,
201.483

■ 96, 16.212,
202.075

■ 90, 43.432,
201.627

■ 98, 8.353, 202.469

■ 89, 45.760,
201.913

100, 0.012,
285.637

100, 0.001, 35.770

■ 89, 47.035,
202.347

■ 88, 47.465,
202.917

Harmonies

Complementary

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



93, 29.904, 201.574



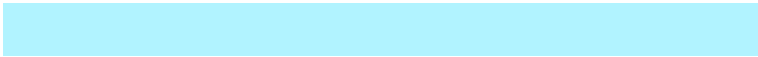
75, 40.129, 26.097

Rectangle

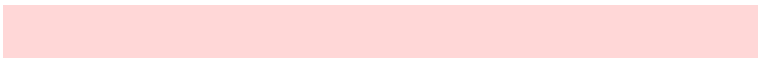
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 29.904, 201.574



93, 29.904, 251.574



93, 29.904, 21.574



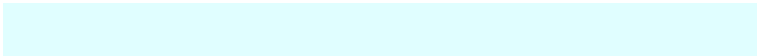
93, 29.904, 71.574

Sweetspot

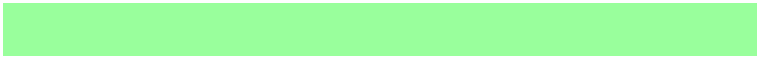
The Sweet Spot groups the original color and five complimentary colors.



93, 29.904, 201.571



98, 9.967, 202.380



92, 62.034, 142.230



52, 6.586, 202.326



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, 29.904, 201.571



92, 34.427, 201.480



79, 31.713, 266.011



52, 4.754, 202.493



68, 38.266, 202.799



23, 17.710, 201.987

Inverse Universe

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



77, 61.655, 327.726



73, 72.975, 328.134



86, 34.739, 73.718



50, 8.819, 326.018



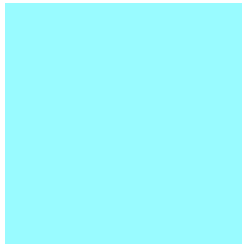
45, 90.261, 329.857



12, 41.679, 329.654

Previews

White Background



This preview shows how the CIE LCh color 93, 29.904, 201.574 looks on a white background.

Color Contrast Check

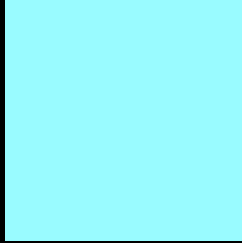
Large Text (above 18pt) WCAG AA × Fail

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, 29.904, 201.574 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, 29.904, 201.574

Background



This preview shows how black text looks on a background with the CIELCh color 93, 29.904, 201.574.

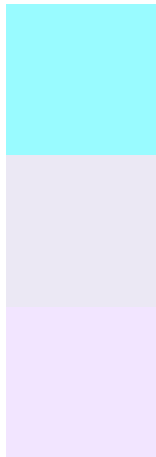


This preview shows how white text looks on a background with the CIELCh color 93, 29.904, 201.574.

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, 29.904, 201.574

Protanopia
93, 6.312, 300.216

Deuteranopia
93, 14.237, 309.521

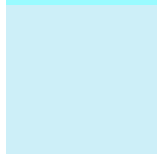


Tritanopia
93, 17.222, 219.676

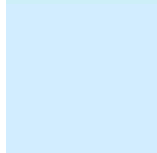
Trichromacy



Original Color
93, 29.904, 201.574



Protanomaly
92, 12.187, 221.298



Deuteranomaly
92, 12.745, 246.095

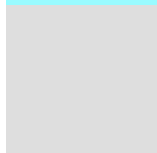


Tritanomaly
93, 21.984, 210.399

Monochromacy



Original Color
93, 29.904, 201.574



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 12.264, 201.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 29.904, 201.574 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(153, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 29.904, 201.574 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(153, 251, 255) }
```

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

```
.border{ border-color:rgb(153, 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(153, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 29.904, 201.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 251, 255) }
```

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

```
.background{ background-color: rgb(153,  
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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