

Converting Colors

CIELCh(93, 27.047, 204.388)

Have a look what the booklet for
CIELCh(93, 27.047, 204.388)
contains.

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Color

CIELCh(93, 27.046, 204.397)

Conversions

Conversions Part 1

Format	Color
Hex	A2F9FF
RGB	162, 249, 255
RGB Percent	64%, 98%, 100%
CMY	0.3631, 0.0219, 0.0000
CMYK	0.36, 0.02, 0.00, 0.00
HSL	184°, 100%, 82%
HSV	184°, 36%, 100%
XYZ	67.0941, 82.9670, 107.4238
YIQ	223.6710, -53.7780, -16.5780

Conversions

Conversions Part 2

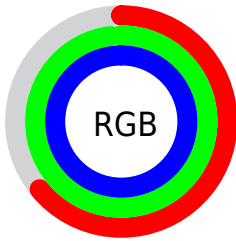
Format	Color
R_{YB}	162, 207, 255
Decimal	10680831
CIE _{Lab}	93.00, -24.63, -11.17
CIE _{LCh}	93, 27.046, 204.397
Yxy	82.9670, 0.2606, 0.3222
Android (android.graphics.Color)	4288870911 (0xFFA2F9FF)
YUV	223.6710, 15.4452, -54.0855
Hunter-Lab	91.0862, -27.9179, -6.1641

Details

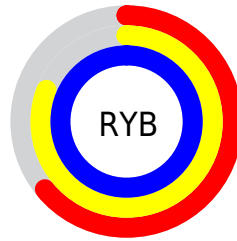
The CIELCh color **93, 27.046, 204.397** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 35.291, 27.216**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **73, 27.013, 204.420** is the 20% darker color. If you saturate the color by 10%, you get **91, 32.829, 203.938**, and if you desaturate by 10%, it is **95, 20.434, 204.067**.

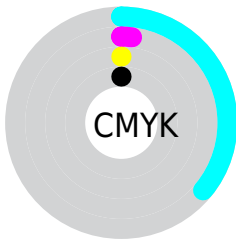
Distribution



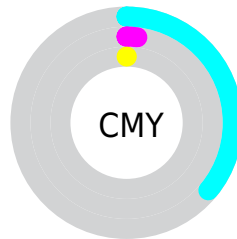
- Red (64%)
- Green (98%)
- Blue (100%)



- Red (64%)
- Yellow (81%)
- Blue (100%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 27.046, 204.397 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, 27.046, 204.397 by changing the saturation by 10% instead.


 93, 27.046,
204.397


 93, 27.046,
204.397


 100, 27.046,
204.397


 83, 27.046,
204.397

 73, 27.046,
204.397

 63, 27.046,
204.397

 53, 27.046,
204.397

 43, 27.046,
204.397

 33, 27.046,
204.397

 23, 27.046,

204.397

■ 13, 27.046,
204.397

■ 3, 27.046, 204.397

■ 93, 27.046,
204.397

■ 93, 27.046,
204.397

■ 91, 32.829,
203.938

■ 95, 20.434,
204.067

■ 90, 37.637,
204.074

■ 97, 13.109,
204.298

■ 89, 41.384,
204.371

■ 99, 5.217, 204.667

■ 88, 44.028,
204.852

100, 0.012,
296.813

■ 87, 45.594,
205.533

■ 87, 46.195,
206.426

■ 87, 46.270,
206.791

Harmonies

Complementary

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



93, 27.046, 204.397



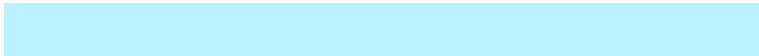
77, 35.291, 27.216

Rectangle

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



93, 27.046, 204.397



93, 27.046, 254.397



93, 27.046, 24.397



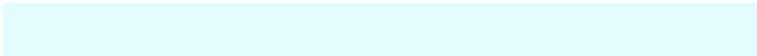
93, 27.046, 74.397

Sweetspot

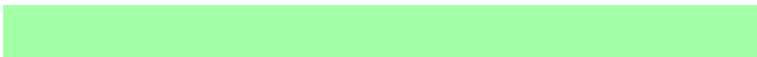
The Sweet Spot groups the original color and five complimentary colors.



93, 27.054, 203.942



98, 8.976, 204.468



93, 55.867, 143.053



52, 6.009, 204.421



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, 27.054, 203.942



92, 31.574, 203.927



81, 29.401, 266.846



52, 4.658, 204.524



67, 37.311, 206.598



22, 17.308, 205.274

Inverse Universe

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



79, 55.415, 328.167



75, 66.461, 328.585



88, 31.582, 75.854



50, 8.691, 326.623



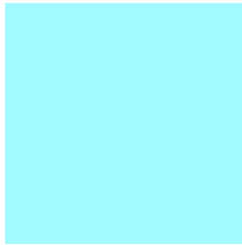
45, 88.764, 330.798



12, 41.070, 330.472

Previews

White Background



This preview shows how the CIE LCh color 93, 27.046, 204.397 looks on a white background.

Color Contrast Check

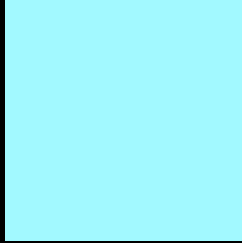
Large Text (above 18pt) WCAG AA × Fail

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, 27.046, 204.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

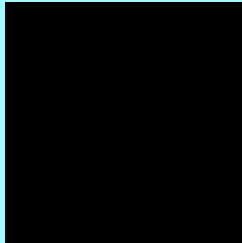
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 27.046, 204.397

Background



This preview shows how black text looks on a background with the CIELCh color 93, 27.046, 204.397.

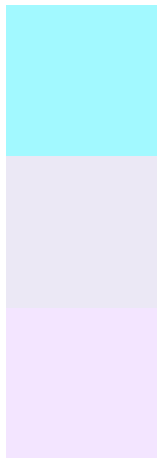


This preview shows how white text looks on a background with the CIELCh color 93, 27.046, 204.397.

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, 27.046, 204.397

Protanopia
93, 6.821, 299.521

Deuteranopia
93, 14.351, 310.837

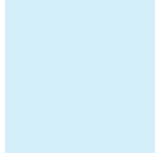


Tritanopia
93, 16.264, 223.069

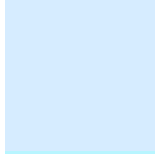
Trichromacy



Original Color
93, 27.046, 204.397



Protanomaly
92, 11.150, 229.665



Deuteranomaly
92, 12.108, 253.556

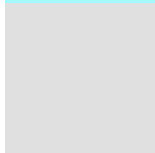


Tritanomaly
93, 20.097, 213.228

Monochromacy



Original Color
93, 27.046, 204.397



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 10.633, 204.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 27.046, 204.397 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(162, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 249, 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(162, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 27.046, 204.397 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(162, 249, 255) }
```

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

```
.border{ border-color:rgb(162, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 27.046, 204.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 249, 255) }
```

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

```
.background{ background-color: rgb(162,  
249, 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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