

Converting Colors

CIELCh(93, 17.164, 216.892)

Have a look what the booklet for
CIELCh(93, 17.164, 216.892)
contains.

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Color

CIELCh(93, 17.257, 215.932)

Conversions

Conversions Part 1

Format	Color
Hex	C1F4FE
RGB	193, 244, 254
RGB Percent	76%, 96%, 100%
CMY	0.2442, 0.0442, 0.0050
CMYK	0.24, 0.04, 0.00, 0.01
HSL	190°, 96%, 88%
HSV	190°, 24%, 99%
XYZ	72.0289, 82.9670, 105.7417
YIQ	229.8910, -33.6060, -7.7020

Conversions

Conversions Part 2

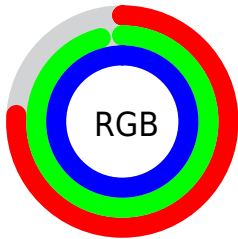
Format	Color
R _Y B	193, 221, 254
Decimal	12711166
CIE Lab	93.00, -13.97, -10.13
CIE LCh	93, 17.257, 215.932
Yxy	82.9670, 0.2763, 0.3182
Android (android.graphics.Color)	4290901246 (0xFFC1F4FE)
YUV	229.8910, 11.8857, -32.3534
Hunter-Lab	91.0862, -18.2472, -5.0692

Details

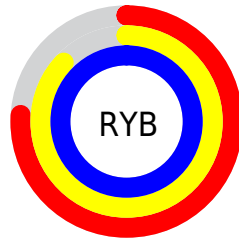
The CIELCh color **93, 17.257, 215.932** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 20.392, 35.509**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **73, 17.282, 214.734** is the 20% darker color. If you saturate the color by 10%, you get **91, 23.513, 216.410**, and if you desaturate by 10%, it is **96, 10.404, 215.639**.

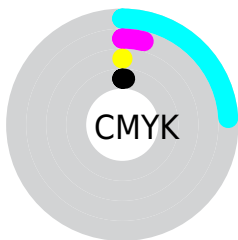
Distribution



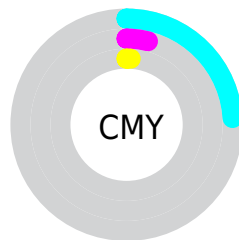
- Red (76%)
- Green (96%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (24%)
- Magenta (4%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 17.257, 215.932 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, 17.257, 215.932 by changing the saturation by 10% instead.


 93, 17.257,
215.932


 93, 17.257,
215.932


 100, 17.257,
215.932


 83, 17.257,
215.932

 73, 17.257,
215.932

 63, 17.257,
215.932

 53, 17.257,
215.932

 43, 17.257,
215.932

 33, 17.257,
215.932

 23, 17.257,

215.932

■ 13, 17.257,
215.932

■ 3, 17.257, 215.932

■ 93, 17.257,
215.932

■ 93, 17.257,
215.932

■ 91, 23.513,
216.410

■ 96, 10.404,
215.639

■ 88, 29.049,
217.130

■ 98, 3.073, 215.622

■ 86, 33.746,
218.140

100, 0.641,
110.009

■ 84, 37.512,
219.506

■ 82, 40.296,
221.300

■ 81, 42.114,
223.596

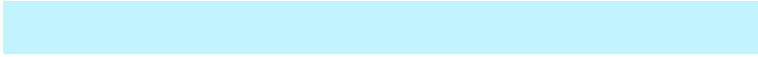
■ 79, 43.073,
226.448

■ 79, 43.376,
228.370

Harmonies

Complementary

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



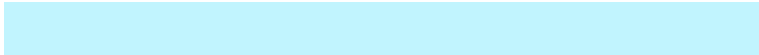
93, 17.257, 215.932



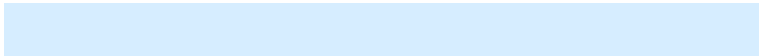
86, 20.392, 35.509

Rectangle

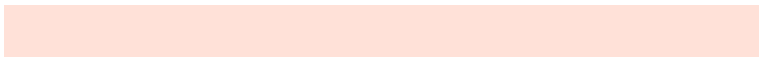
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



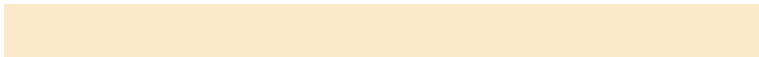
93, 17.257, 215.932



93, 17.257, 265.932



93, 17.257, 35.932



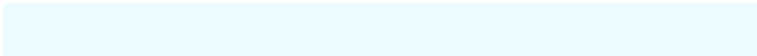
93, 17.257, 85.932

Sweetspot

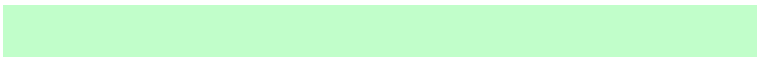
The Sweet Spot groups the original color and five complimentary colors.



93, 17.257, 215.926



98, 5.309, 215.569



94, 34.470, 147.132



52, 3.444, 215.568



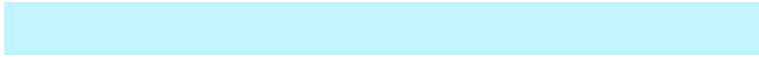
0, 0.000, 0.000



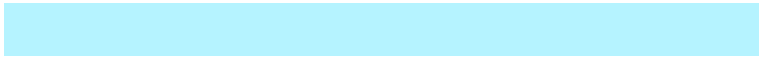
53, 0.007, 296.813

Same Dimension

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



93, 17.257, 215.926



92, 20.527, 216.140



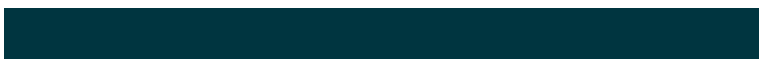
85, 21.746, 273.383



52, 4.284, 215.576



61, 35.068, 227.758



20, 16.169, 223.482

Inverse Universe

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



85, 34.230, 330.784



82, 41.432, 331.107



93, 21.975, 86.646



50, 8.087, 329.851



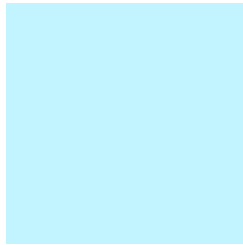
44, 81.882, 336.059



12, 38.245, 334.965

Previews

White Background



This preview shows how the CIE LCh color 93, 17.257, 215.932 looks on a white background.

Color Contrast Check

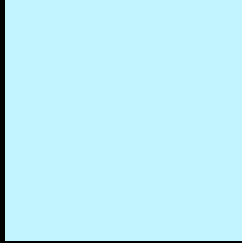
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 17.257, 215.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

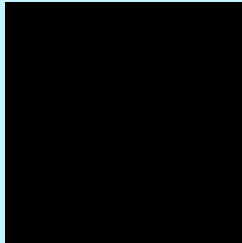
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 17.257, 215.932

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.257, 215.932.

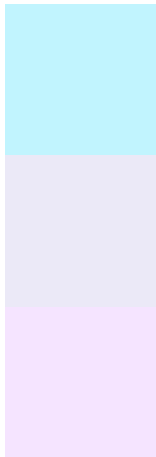


This preview shows how white text looks on a background with the CIELCh color 93, 17.257, 215.932.

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, 17.257, 215.932

Protanopia
93, 7.281, 296.222

Deuteranopia
93, 15.221, 313.898



Tritanopia
93, 13.472, 234.073

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 17.257, 215.932 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(193, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(193, 244, 254)  
}
```

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(193, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.257, 215.932 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(193, 244, 254) }
```

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

```
.border{ border-color:rgb(193, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(193, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.257, 215.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 244, 254) }
```

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

```
.background{ background-color: rgb(193,  
244, 254) }
```

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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