

Converting Colors

CIELCh(93, 13.518, 216.518)

Have a look what the booklet for
CIELCh(93, 13.518, 216.518)
contains.

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Color

CIECh(93, 13.518, 216.518)

Conversions

Conversions Part 1

Format	Color
Hex	CBF2FA
RGB	203, 242, 250
RGB Percent	80%, 95%, 98%
CMY	0.2046, 0.0516, 0.0203
CMYK	0.19, 0.03, 0.00, 0.02
HSL	190°, 82%, 89%
HSV	190°, 19%, 98%
XYZ	73.5128, 82.9670, 102.4410
YIQ	231.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

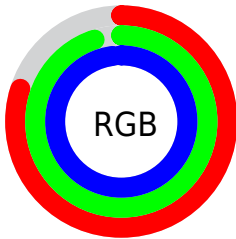
Format	Color
RYB	203, 224, 250
Decimal	13366010
CIELab	93.00, -10.86, -8.04
CIElCh	93, 13.518, 216.518
Yxy	82.9670, 0.2839, 0.3204
Android (android.graphics.Color)	4291556090 (0xFFCBF2FA)
YUV	231.2510, 9.2433, -24.7761
Hunter-Lab	91.0862, -15.3392, -2.9207

Details

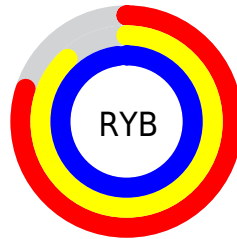
The CIELCh color **93, 13.518, 216.518** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 15.347, 36.039**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.641, 217.143** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.999, 216.926**, and if you desaturate by 10%, it is **96, 6.516, 216.296**.

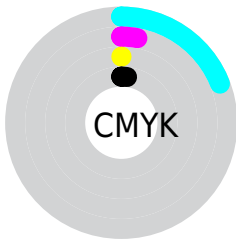
Distribution



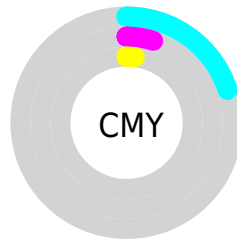
- Red (80%)
- Green (95%)
- Blue (98%)



- Red (80%)
- Yellow (88%)
- Blue (98%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.518, 216.518 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, 13.518, 216.518 by changing the saturation by 10% instead.

■ 93, 13.518,
216.518

■ 93, 13.518,
216.518

■ 100, 13.518,
216.518

■ 83, 13.518,
216.518

■ 73, 13.518,
216.518

■ 63, 13.518,
216.518

■ 53, 13.518,
216.518

■ 43, 13.518,
216.518

■ 33, 13.518,
216.518

■ 23, 13.518,

216.518

■ 13, 13.518,
216.518

■ 3, 13.518, 216.518

■ 93, 13.518,
216.518

■ 93, 13.518,
216.518

■ 90, 19.999,
216.926

■ 96, 6.516, 216.296

■ 88, 25.840,
217.560

■ 99, 0.898, 35.337

■ 86, 30.920,
218.463

■ 100, 2.404,
106.496

■ 84, 35.133,
219.697

■ 100, 2.611,
109.953

■ 82, 38.407,
221.333

■ 80, 40.721,
223.448

■ 79, 42.133,
226.112

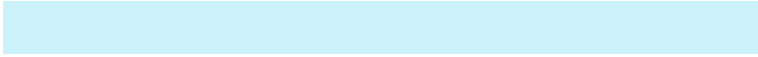
■ 77, 42.829,
229.335

■ 77, 42.898,
229.734

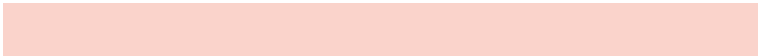
Harmonies

Complementary

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



93, 13.518, 216.518



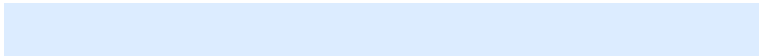
88, 15.347, 36.039

Rectangle

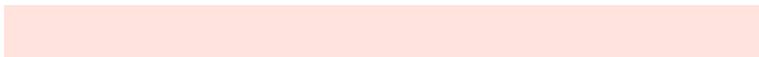
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



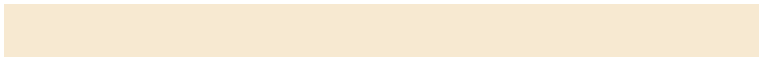
93, 13.518, 216.518



93, 13.518, 266.518



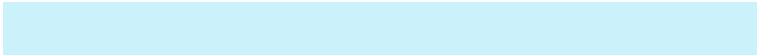
93, 13.518, 36.518



93, 13.518, 86.518

Sweetspot

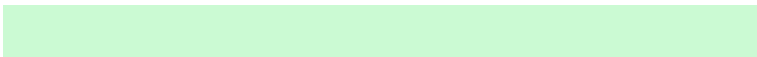
The Sweet Spot groups the original color and five complimentary colors.



93, 13.518, 216.510



98, 4.544, 216.292



94, 26.302, 148.103



52, 3.009, 216.288



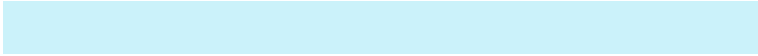
0, 0.000, 0.000



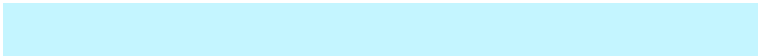
53, 0.007, 296.813

Same Dimension

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



93, 13.518, 216.510



94, 16.575, 216.661



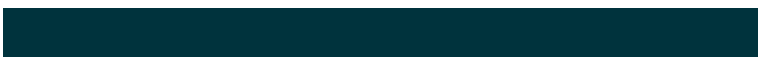
87, 17.069, 273.815



51, 4.197, 216.303



60, 34.731, 229.093



19, 15.729, 224.429

Inverse Universe

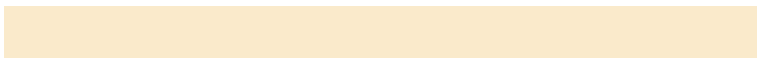
The Inverse Universe completely reimagines the original color for something new.



87, 26.317, 330.661



86, 32.742, 330.934



93, 17.137, 88.716



49, 7.919, 330.061



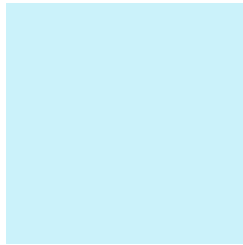
43, 80.691, 336.407



11, 37.112, 335.205

Previews

White Background



This preview shows how the CIE LCh color 93, 13.518, 216.518 looks on a white background.

Color Contrast Check

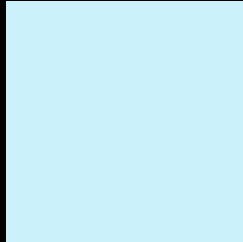
Large Text (above 18pt) WCAG AA × Fail

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, 13.518, 216.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

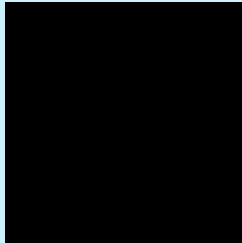
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.518, 216.518

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.518, 216.518.



This preview shows how white text looks on a background with the CIELCh color 93, 13.518, 216.518.

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](#).

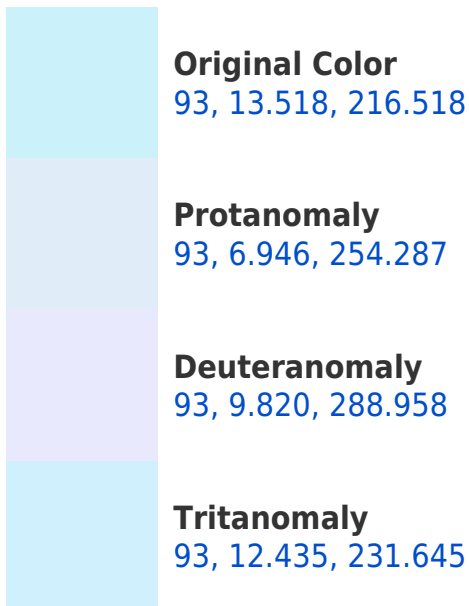
Dichromacy





Tritanopia
93, 12.283, 241.395

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.518, 216.518 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(203, 242, 250)` looks like.

```
.text, #text, p{  
    color:rgb(203, 242, 250)  
}
```

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(203, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 242, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.518, 216.518 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(203, 242, 250) }
```

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

```
.border{ border-color:rgb(203, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(203, 242,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.518, 216.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 242, 250) }
```

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

```
.background{ background-color: rgb(203,  
242, 250) }
```

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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