

Converting Colors

CIELCh(93, 16.898, 218.471)

Have a look what the booklet for
CIELCh(93, 16.898, 218.471)
contains.

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Color

CIELCh(93, 16.807, 218.339)

Conversions

Conversions Part 1

Format	Color
Hex	C2F3FE
RGB	194, 243, 254
RGB Percent	76%, 95%, 100%
CMY	0.2380, 0.0458, 0.0027
CMYK	0.24, 0.04, 0.00, 0.00
HSL	191°, 98%, 88%
HSV	191°, 24%, 100%
XYZ	72.4043, 82.9670, 106.2210
YIQ	229.6030, -32.7350, -6.9670

Conversions

Conversions Part 2

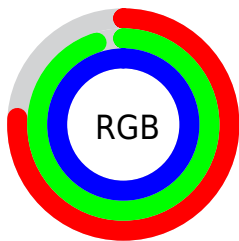
Format	Color
RYB	194, 221, 254
Decimal	12776446
CIELab	93.00, -13.18, -10.43
CIElCh	93, 16.807, 218.339
Yxy	82.9670, 0.2768, 0.3172
Android (android.graphics.Color)	4290966526 (0xFFC2F3FE)
YUV	229.6030, 12.0277, -31.2238
Hunter-Lab	91.0862, -17.5116, -5.3812

Details

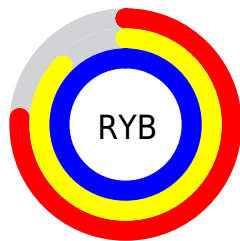
The CIELCh color **93, 16.807, 218.339** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.762, 37.450**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **73, 16.816, 217.227** is the 20% darker color. If you saturate the color by 10%, you get **90, 23.049, 218.937**, and if you desaturate by 10%, it is **96, 9.990, 217.943**.

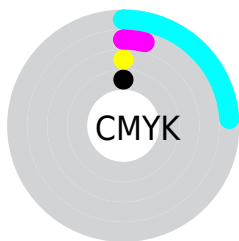
Distribution



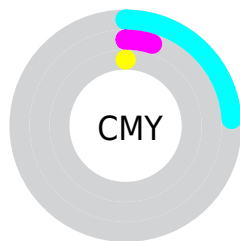
- Red (76%)
- Green (95%)
- Blue (100%)



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



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



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 16.807, 218.339 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, 16.807, 218.339 by changing the saturation by 10% instead.

93, 16.807,
218.339

93, 16.807,
218.339

100, 16.807,
218.339

83, 16.807,
218.339

73, 16.807,
218.339

63, 16.807,
218.339

53, 16.807,
218.339

43, 16.807,
218.339

33, 16.807,
218.339

23, 16.807,

218.339

■ 13, 16.807,
218.339

■ 3, 16.807, 218.339

■ 93, 16.807,
218.339

■ 93, 16.807,
218.339

■ 90, 23.049,
218.937

■ 96, 9.990, 217.943

■ 88, 28.596,
219.798

■ 99, 2.712, 217.859

100, 0.340,
109.925

■ 86, 33.334,
220.978

■ 84, 37.172,
222.547

■ 82, 40.060,
224.589

■ 80, 42.020,
227.182

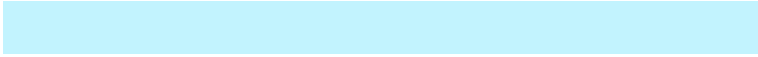
■ 78, 43.161,
230.384

■ 77, 43.614,
232.703

Harmonies

Complementary

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



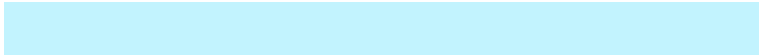
93, 16.807, 218.339



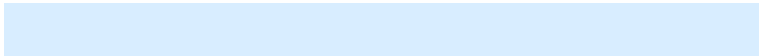
86, 19.762, 37.450

Rectangle

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



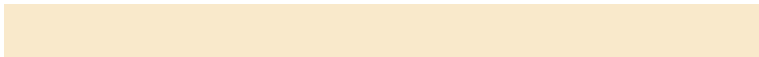
93, 16.807, 218.339



93, 16.807, 268.339



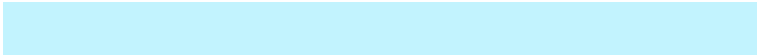
93, 16.807, 38.339



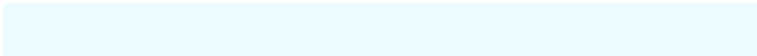
93, 16.807, 88.339

Sweetspot

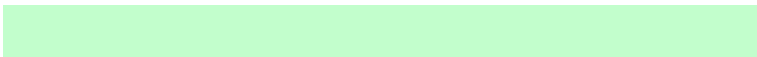
The Sweet Spot groups the original color and five complimentary colors.



93, 16.807, 218.333



98, 5.246, 217.816



95, 33.495, 147.703



52, 3.403, 217.821



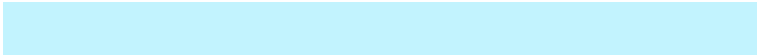
0, 0.000, 0.000



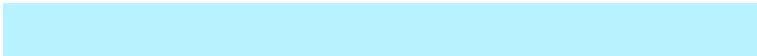
53, 0.007, 296.813

Same Dimension

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



93, 16.807, 218.333



92, 19.677, 218.571



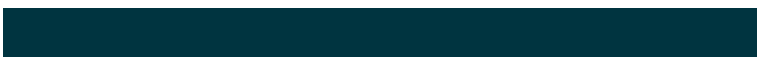
85, 21.804, 274.631



52, 4.233, 217.847



60, 35.168, 232.010



19, 16.133, 227.185

Inverse Universe

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



85, 33.213, 331.436



83, 39.481, 331.729



93, 21.921, 88.082



50, 7.977, 330.513



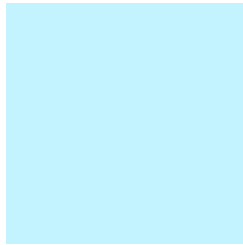
44, 80.683, 337.182



11, 37.745, 335.911

Previews

White Background



This preview shows how the CIE LCh color 93, 16.807, 218.339 looks on a white background.

Color Contrast Check

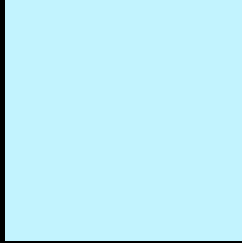
Large Text (above 18pt) WCAG AA × Fail

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, 16.807, 218.339 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, 16.807, 218.339

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.807, 218.339.



This preview shows how white text looks on a background with the CIELCh color 93, 16.807, 218.339.

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](#).

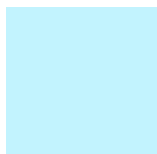
Dichromacy



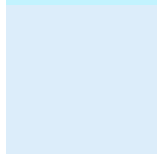


Tritanopia
93, 13.472, 234.073

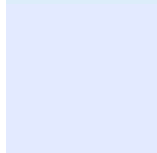
Trichromacy



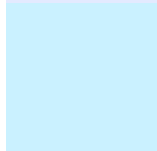
Original Color
93, 16.807, 218.339



Protanomaly
93, 8.752, 249.412



Deuteranomaly
93, 11.057, 278.644

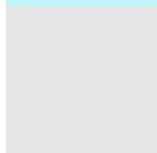


Tritanomaly
93, 14.545, 228.653

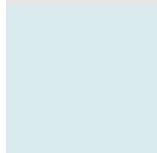
Monochromacy



Original Color
93, 16.807, 218.339



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 6.514, 217.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.807, 218.339 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(194, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 243, 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(194, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.807, 218.339 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(194, 243, 254) }
```

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

```
.border{ border-color:rgb(194, 243, 254) }
```

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

Here you see how a box with a 4 pixel rgb(194, 243, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.807, 218.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 243, 254) }
```

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

```
.background{ background-color: rgb(194,  
243, 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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