

Converting Colors

CIELCh(94, 23.302, 251.812)

Have a look what the booklet for
CIELCh(94, 23.302, 251.812)
contains.

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Color

CIElCh(93, 16.514, 218.708)

Conversions

Conversions Part 1

Format	Color
Hex	C3F3FE
RGB	195, 243, 254
RGB Percent	76%, 95%, 100%
CMY	0.2347, 0.0465, 0.0034
CMYK	0.23, 0.04, 0.00, 0.00
HSL	191°, 97%, 88%
HSV	191°, 23%, 100%
XYZ	72.5452, 82.9670, 106.0627
YIQ	229.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

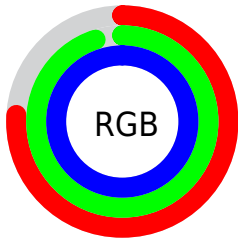
Format	Color
R _Y B	195, 221, 254
Decimal	12841982
CIE Lab	93.00, -12.89, -10.33
CIE LCh	93, 16.514, 218.708
Yxy	82.9670, 0.2773, 0.3172
Android (android.graphics.Color)	4291032062 (0xFFC3F3FE)
YUV	229.9020, 11.8803, -30.6091
Hunter-Lab	91.0862, -17.2354, -5.2782

Details

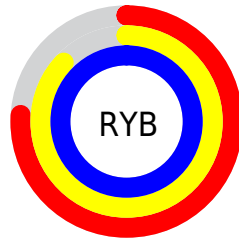
The CIELCh color **93, 16.514, 218.708** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 19.354, 37.759**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **73, 16.529, 217.588** is the 20% darker color. If you saturate the color by 10%, you get **90, 22.770, 219.317**, and if you desaturate by 10%, it is **96, 9.691, 218.303**.

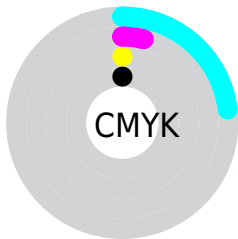
Distribution



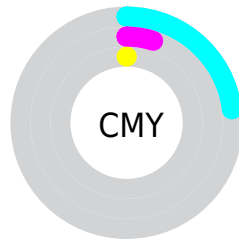
- Red (76%)
- Green (95%)
- Blue (100%)



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



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 16.514, 218.708 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, 16.514, 218.708 by changing the saturation by 10% instead.


 93, 16.514,
218.708


 93, 16.514,
218.708


 100, 16.514,
218.708


 83, 16.514,
218.708

 73, 16.514,
218.708

 63, 16.514,
218.708

 53, 16.514,
218.708

 43, 16.514,
218.708

 33, 16.514,
218.708

 23, 16.514,

218.708

■ 13, 16.514,
218.708

■ 3, 16.514, 218.708

■ 93, 16.514,
218.708

■ 93, 16.514,
218.708

■ 90, 22.770,
219.317

■ 96, 9.691, 218.303

■ 99, 2.414, 218.236

■ 88, 28.339,
220.192

100, 0.431,
109.966

■ 86, 33.109,
221.386

■ 83, 36.986,
222.973

■ 81, 39.921,
225.036

■ 80, 41.933,
227.655

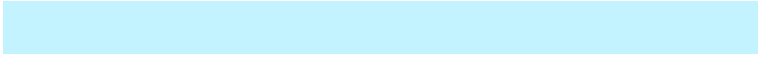
■ 78, 43.129,
230.890

■ 77, 43.636,
233.387

Harmonies

Complementary

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



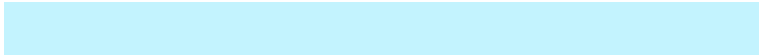
93, 16.514, 218.708



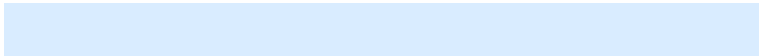
87, 19.354, 37.759

Rectangle

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



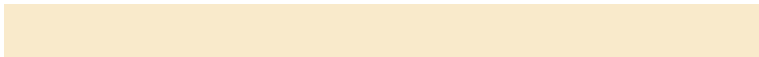
93, 16.514, 218.708



93, 16.514, 268.708



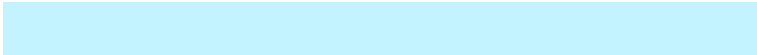
93, 16.514, 38.708



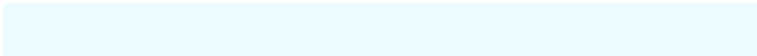
93, 16.514, 88.708

Sweetspot

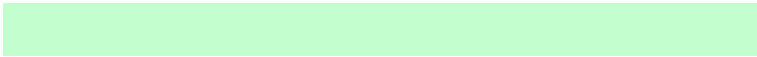
The Sweet Spot groups the original color and five complimentary colors.



93, 16.514, 218.702



98, 5.236, 218.177



95, 32.524, 148.283



52, 3.397, 218.182



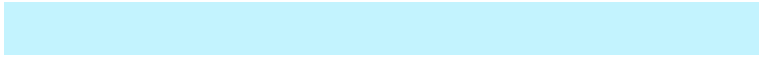
0, 0.000, 0.000



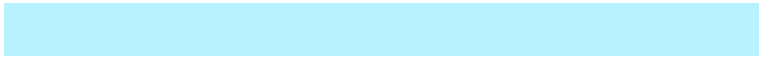
53, 0.007, 296.813

Same Dimension

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



93, 16.514, 218.702



92, 19.646, 218.968



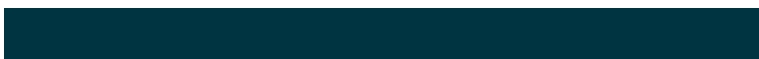
85, 21.851, 275.839



52, 4.226, 218.212



59, 35.200, 232.685



19, 16.133, 227.775

Inverse Universe

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



85, 32.574, 331.519



83, 39.398, 331.840



94, 21.864, 89.469



50, 7.959, 330.619



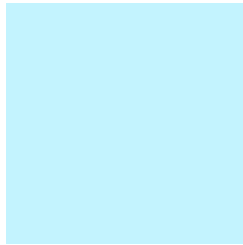
44, 80.497, 337.364



11, 37.667, 336.063

Previews

White Background



This preview shows how the CIE LCh color 93, 16.514, 218.708 looks on a white background.

Color Contrast Check

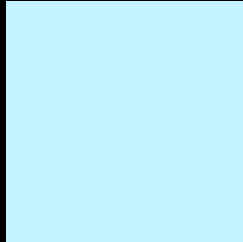
Large Text (above 18pt) WCAG AA × Fail

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, 16.514, 218.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

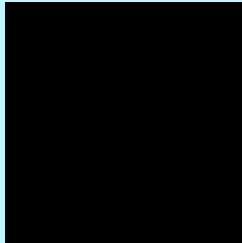
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 16.514, 218.708

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.514, 218.708.

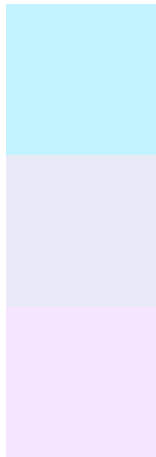


This preview shows how white text looks on a background with the CIELCh color 93, 16.514, 218.708.

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](#).

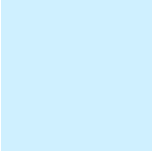
Dichromacy



Original Color
93, 16.522, 218.712

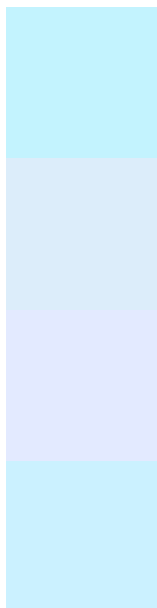
Protanopia
93, 7.767, 293.349

Deuteranopia
93, 14.601, 313.412



Tritanopia
93, 13.215, 234.875

Trichromacy



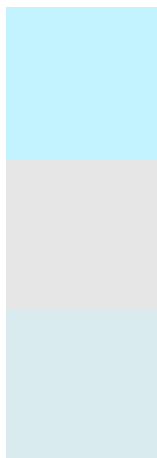
Original Color
93, 16.522, 218.712

Protanomaly
93, 8.752, 249.412

Deuteranomaly
93, 11.057, 278.644

Tritanomaly
93, 14.276, 229.291

Monochromacy



Original Color
93, 16.522, 218.712

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, 16.514, 218.708 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(195, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.514, 218.708 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(195, 243, 254) }
```

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

```
.border{ border-color:rgb(195, 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(195, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(195, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.514, 218.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 243, 254) }
```

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

```
.background{ background-color: rgb(195,  
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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