

Converting Colors

CIELCh(93, 17.592, 219.279)

Have a look what the booklet for
CIELCh(93, 17.592, 219.279)
contains.

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Color

CIELCh(93, 17.654, 217.291)

Conversions

Conversions Part 1

Format	Color
Hex	C0F4FF
RGB	192, 244, 255
RGB Percent	75%, 96%, 100%
CMY	0.2478, 0.0439, 0.0008
CMYK	0.25, 0.04, 0.00, 0.00
HSL	190°, 99%, 88%
HSV	190°, 25%, 100%
XYZ	71.9949, 82.9670, 106.6558
YIQ	229.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

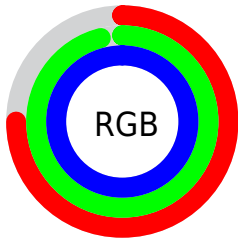
Format	Color
R_{YB}	192, 220, 255
Decimal	12645631
CIE _{Lab}	93.00, -14.04, -10.70
CIE _{LCh}	93, 17.654, 217.291
Yxy	82.9670, 0.2752, 0.3171
Android (android.graphics.Color)	4290835711 (0xFFC0F4FF)
YUV	229.7060, 12.4699, -33.0682
Hunter-Lab	91.0862, -18.3139, -5.6642

Details

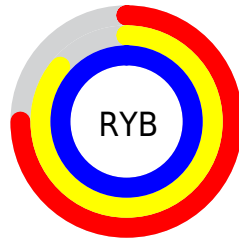
The CIELCh color **93, 17.654, 217.291** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 20.956, 36.587**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **73, 17.664, 216.214** is the 20% darker color. If you saturate the color by 10%, you get **90, 23.855, 217.857**, and if you desaturate by 10%, it is **96, 10.855, 216.924**.

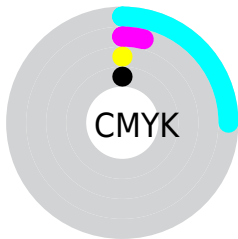
Distribution



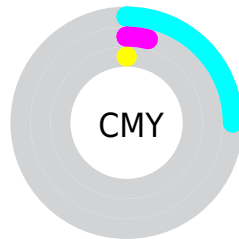
- Red (75%)
- Green (96%)
- Blue (100%)



- Red (75%)
- Yellow (86%)
- Blue (100%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 17.654, 217.291 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, 17.654, 217.291 by changing the saturation by 10% instead.


 93, 17.654,
217.291


 93, 17.654,
217.291


 100, 17.654,
217.291


 83, 17.654,
217.291

 73, 17.654,
217.291

 63, 17.654,
217.291

 53, 17.654,
217.291

 43, 17.654,
217.291

 33, 17.654,
217.291

 23, 17.654,

217.291

■ 13, 17.654,
217.291

■ 3, 17.654, 217.291

■ 93, 17.654,
217.291

■ 93, 17.654,
217.291

■ 90, 23.855,
217.857

■ 96, 10.855,
216.924

■ 88, 29.336,
218.680

■ 99, 3.576, 216.815

■ 86, 33.983,
219.816

100, 0.091,
109.320

■ 84, 37.706,
221.333

■ 82, 40.460,
223.311

■ 80, 42.271,
225.826

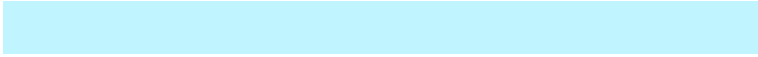
■ 79, 43.260,
228.930

■ 78, 43.577,
230.756

Harmonies

Complementary

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



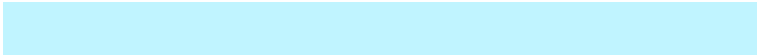
93, 17.654, 217.291



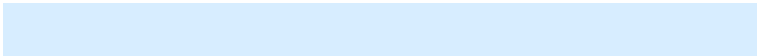
86, 20.956, 36.587

Rectangle

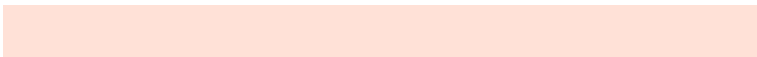
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



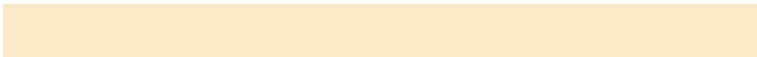
93, 17.654, 217.291



93, 17.654, 267.291



93, 17.654, 37.291



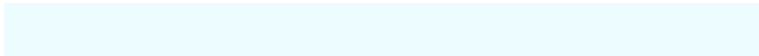
93, 17.654, 87.291

Sweetspot

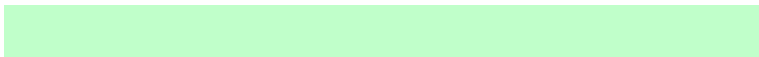
The Sweet Spot groups the original color and five complimentary colors.



93, 17.654, 217.285



98, 5.273, 216.797



95, 35.149, 147.605



52, 3.421, 216.800



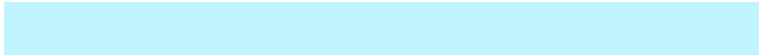
0, 0.000, 0.000



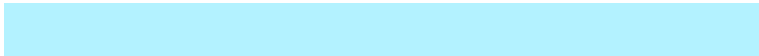
53, 0.007, 296.813

Same Dimension

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



93, 17.654, 217.285



92, 21.022, 217.558



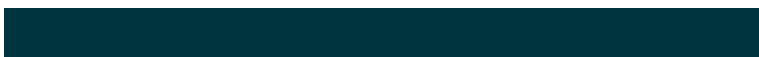
85, 22.902, 274.832



52, 4.255, 216.818



60, 35.101, 230.093



20, 16.142, 225.511

Inverse Universe

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



85, 35.066, 331.201



82, 42.531, 331.550



93, 23.030, 87.932



50, 8.026, 330.212



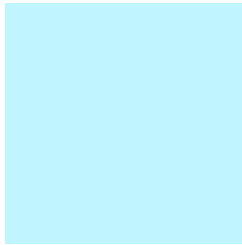
44, 81.219, 336.671



12, 37.969, 335.480

Previews

White Background



This preview shows how the CIE LCh color 93, 17.654, 217.291 looks on a white background.

Color Contrast Check

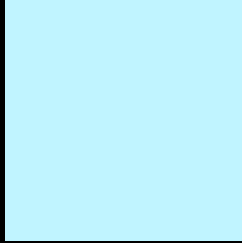
Large Text (above 18pt) WCAG AA × Fail

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, 17.654, 217.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

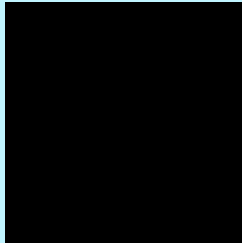
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 17.654, 217.291

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.654, 217.291.

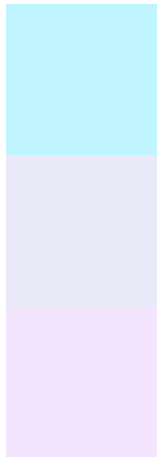


This preview shows how white text looks on a background with the CIELCh color 93, 17.654, 217.291.

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, 17.654, 217.291

Protanopia

93, 7.767, 293.349

Deuteranopia

93, 14.472, 312.135

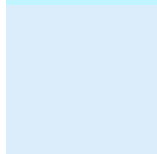


Tritanopia
93, 13.731, 233.302

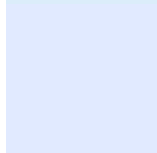
Trichromacy



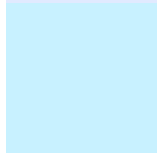
Original Color
93, 17.654, 217.291



Protanomaly
93, 8.968, 247.773



Deuteranomaly
93, 11.206, 275.274

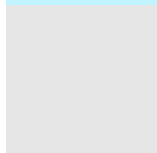


Tritanomaly
93, 15.086, 227.449

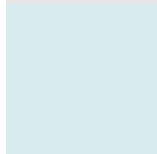
Monochromacy



Original Color
93, 17.654, 217.291



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 6.835, 216.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 17.654, 217.291 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(192, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 244, 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(192, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.654, 217.291 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(192, 244, 255) }
```

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

```
.border{ border-color:rgb(192, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.654, 217.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 244, 255) }
```

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

```
.background{ background-color: rgb(192,  
244, 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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