

Converting Colors

CIELCh(93, 18.431, 216.734)

Have a look what the booklet for
CIELCh(93, 18.431, 216.734)
contains.

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Color

CIELCh(93, 18.220, 216.652)

Conversions

Conversions Part 1

Format	Color
Hex	BEF4FF
RGB	190, 244, 255
RGB Percent	75%, 96%, 100%
CMY	0.2544, 0.0426, 0.0000
CMYK	0.25, 0.04, 0.00, 0.00
HSL	190°, 100%, 87%
HSV	190°, 25%, 100%
XYZ	71.7239, 82.9670, 106.9470
YIQ	229.1080, -35.7150, -8.0270

Conversions

Conversions Part 2

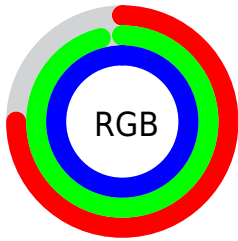
Format	Color
R_{YB}	190, 219, 255
Decimal	12514559
CIE _{Lab}	93.00, -14.62, -10.88
CIE _{LCh}	93, 18.220, 216.652
Y _{xy}	82.9670, 0.2741, 0.3171
Android (android.graphics.Color)	4290704639 (0xFFBEF4FF)
YUV	229.1080, 12.7648, -34.2977
Hunter-Lab	91.0862, -18.8449, -5.8537

Details

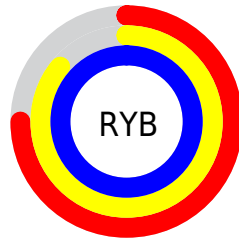
The CIELCh color **93, 18.220, 216.652** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 21.745, 35.909**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **73, 18.229, 215.600** is the 20% darker color. If you saturate the color by 10%, you get **91, 24.383, 216.982**, and if you desaturate by 10%, it is **96, 11.417, 216.107**.

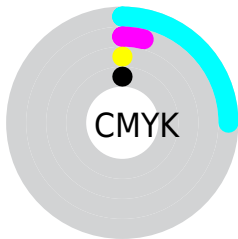
Distribution



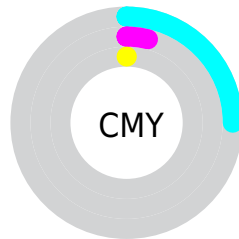
- Red (75%)
- Green (96%)
- Blue (100%)



- 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, 18.220, 216.652 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, 18.220, 216.652 by changing the saturation by 10% instead.


 93, 18.220,
216.652


 93, 18.220,
216.652


 100, 18.220,
216.652


 83, 18.220,
216.652

 73, 18.220,
216.652

 63, 18.220,
216.652

 53, 18.220,
216.652

 43, 18.220,
216.652

 33, 18.220,
216.652

 23, 18.220,

216.652

■ 13, 18.220,
216.652

■ 3, 18.220, 216.652

■ 93, 18.220,
216.652

■ 93, 18.220,
216.652

■ 91, 24.383,
216.982

■ 96, 11.417,
216.107

■ 88, 29.822,
217.770

■ 98, 4.133, 216.004

■ 86, 34.410,
218.862

100, 0.012,
296.813

■ 84, 38.057,
220.328

■ 82, 40.721,
222.242

■ 81, 42.432,
224.679

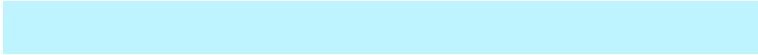
■ 79, 43.315,
227.688

■ 79, 43.556,
229.202

Harmonies

Complementary

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



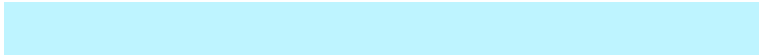
93, 18.220, 216.652



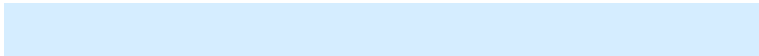
85, 21.745, 35.909

Rectangle

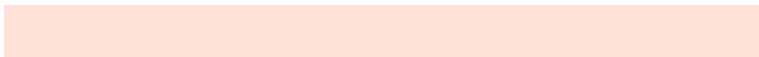
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



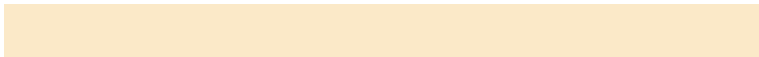
93, 18.220, 216.652



93, 18.220, 266.652



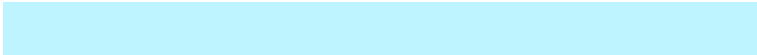
93, 18.220, 36.652



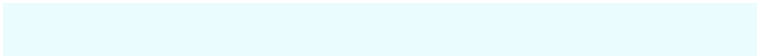
93, 18.220, 86.652

Sweetspot

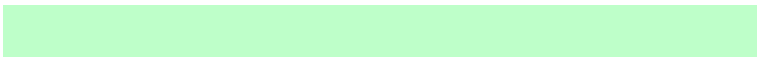
The Sweet Spot groups the original color and five complimentary colors.



93, 18.206, 216.442



98, 6.038, 215.994



95, 36.191, 147.542



52, 4.274, 216.004



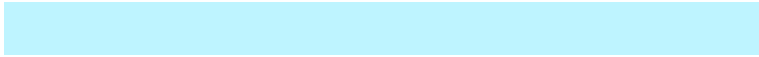
0, 0.000, 0.000



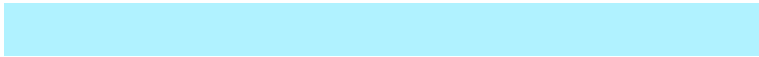
53, 0.007, 296.813

Same Dimension

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



93, 18.206, 216.442



92, 21.724, 216.715



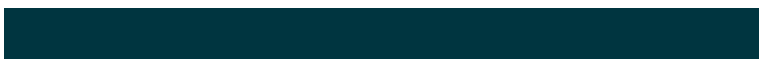
85, 23.595, 274.962



52, 4.274, 216.004



60, 35.073, 228.564



20, 16.157, 224.182

Inverse Universe

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



84, 36.280, 331.004



81, 44.142, 331.368



93, 23.732, 87.836



50, 8.066, 329.976



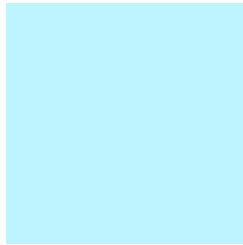
44, 81.652, 336.269



12, 38.149, 335.142

Previews

White Background



This preview shows how the CIE LCh color 93, 18.220, 216.652 looks on a white background.

Color Contrast Check

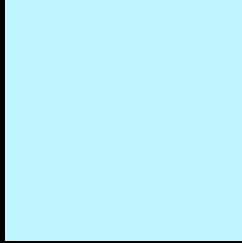
Large Text (above 18pt) WCAG AA × Fail

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, 18.220, 216.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

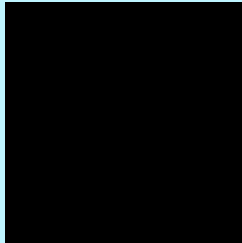
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 18.220, 216.652

Background



This preview shows how black text looks on a background with the CIELCh color 93, 18.220, 216.652.

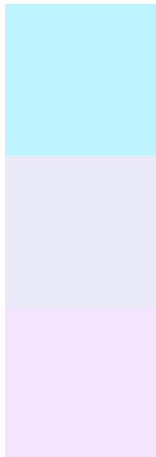


This preview shows how white text looks on a background with the CIELCh color 93, 18.220, 216.652.

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, 18.220, 216.652

Protanopia
93, 7.767, 293.349

Deuteranopia
93, 14.472, 312.135

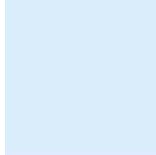


Tritanopia
93, 13.740, 230.645

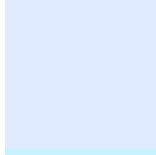
Trichromacy



Original Color
93, 18.220, 216.652



Protanomaly
93, 9.556, 248.468



Deuteranomaly
93, 10.899, 271.051

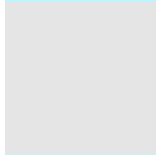


Tritanomaly
93, 15.155, 225.051

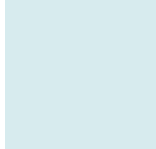
Monochromacy



Original Color
93, 18.220, 216.652



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 7.049, 211.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 18.220, 216.652 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(190, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 18.220, 216.652 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(190, 244, 255) }
```

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

```
.border{ border-color:rgb(190, 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(190, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 18.220, 216.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 244, 255) }
```

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

```
.background{ background-color: rgb(190,  
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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