

Converting Colors

CIELCh(93, 16.145, 182.020)

Have a look what the booklet for
CIELCh(93, 16.145, 182.020)
contains.

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Color

CIElCh(93, 16.138, 181.598)

Conversions

Conversions Part 1

Format	Color
Hex	C7F4EB
RGB	199, 244, 235
RGB Percent	78%, 96%, 92%
CMY	0.2190, 0.0425, 0.0778
CMYK	0.18, 0.00, 0.04, 0.04
HSL	168°, 67%, 87%
HSV	168°, 18%, 96%
XYZ	71.0105, 82.9670, 90.9875
YIQ	229.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

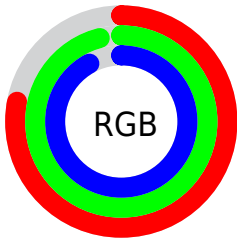
Format	Color
R_{YB}	199, 224, 244
Decimal	13104363
CIE _{Lab}	93.00, -16.13, -0.45
CIE _{LCh}	93, 16.138, 181.598
Yxy	82.9670, 0.2899, 0.3387
Android (android.graphics.Color)	4291294443 (0xFFC7F4EB)
YUV	229.5190, 2.7021, -26.7652
Hunter-Lab	91.0862, -20.2429, 4.5346

Details

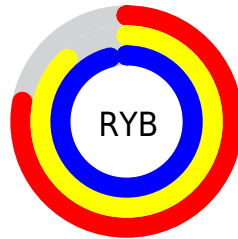
The CIELCh color **93, 16.138, 181.598** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 17.390, 5.086**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 16.467, 180.791** is the 20% darker color. If you saturate the color by 10%, you get **92, 24.384, 180.595**, and if you desaturate by 10%, it is **95, 7.495, 182.569**.

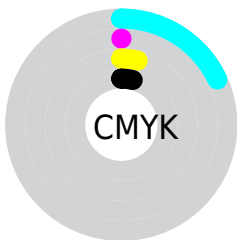
Distribution



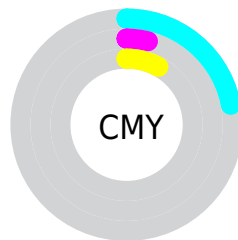
- Red (78%)
- Green (96%)
- Blue (92%)



- Red (78%)
- Yellow (88%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (22%)
- Magenta (4%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 16.138, 181.598 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, 16.138, 181.598 by changing the saturation by 10% instead.


 93, 16.138,
181.598


 93, 16.138,
181.598


 100, 16.138,
181.598


 83, 16.138,
181.598

 73, 16.138,
181.598

 63, 16.138,
181.598

 53, 16.138,
181.598

 43, 16.138,
181.598

 33, 16.138,
181.598

 23, 16.138,

181.598

■ 13, 16.138,
181.598

■ 3, 16.138, 181.598

■ 93, 16.138,
181.598

■ 93, 16.138,
181.598

■ 92, 24.384,
180.595

■ 95, 7.495, 182.569

■ 97, 1.413, 2.960

■ 90, 32.079,
179.538

■ 97, 4.812, 342.759

■ 89, 39.073,
178.402

■ 97, 6.623, 325.379

■ 88, 45.222,
177.165

■ 97, 6.749, 324.631

■ 88, 50.416,
175.803

■ 87, 54.597,
174.294

■ 87, 57.779,
172.616

■ 86, 60.102,
170.775

■ 86, 60.434,
170.485

Harmonies

Complementary

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



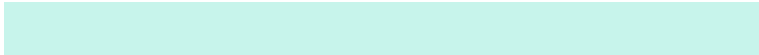
93, 16.138, 181.598



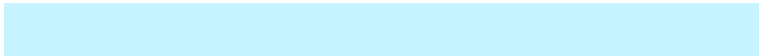
84, 17.390, 5.086

Rectangle

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



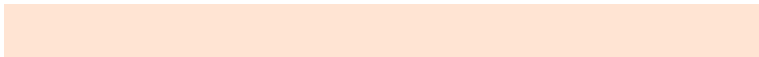
93, 16.138, 181.598



93, 16.138, 231.598



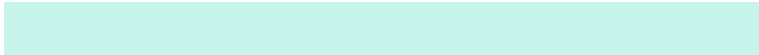
93, 16.138, 1.598



93, 16.138, 51.598

Sweetspot

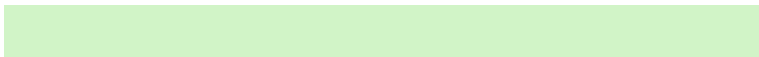
The Sweet Spot groups the original color and five complimentary colors.



93, 16.139, 181.593



99, 5.539, 182.819



93, 26.522, 137.421



53, 3.672, 182.749



0, 0.000, 0.000



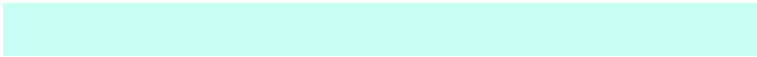
53, 0.007, 296.813

Same Dimension

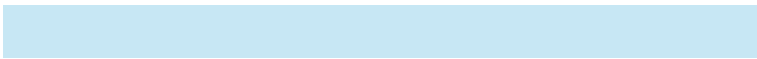
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 16.139, 181.593



96, 19.817, 181.237



90, 12.506, 230.970



50, 5.055, 182.464



68, 49.089, 170.827



21, 21.107, 173.592

Inverse Universe

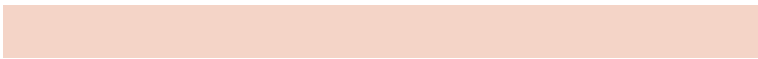
The Inverse Universe completely reimagines the original color for something new.



84, 17.390, 5.086



85, 21.691, 5.534



87, 13.952, 48.434



48, 5.250, 4.074



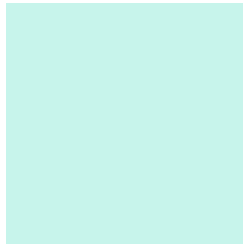
39, 73.376, 29.478



9, 29.998, 16.715

Previews

White Background



This preview shows how the CIE LCh color 93, 16.138, 181.598 looks on a white background.

Color Contrast Check

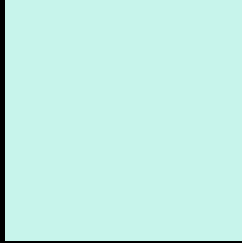
Large Text (above 18pt) WCAG AA × Fail

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, 16.138, 181.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

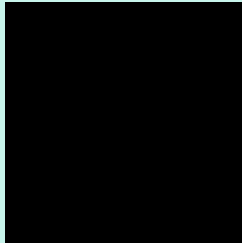
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

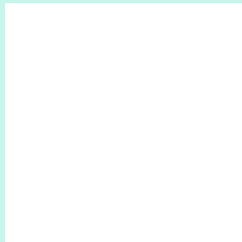
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 16.138, 181.598

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.138, 181.598.



This preview shows how white text looks on a background with the CIELCh color 93, 16.138, 181.598.

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



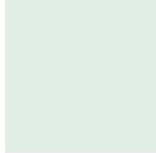


Tritanopia
93, 12.521, 240.397

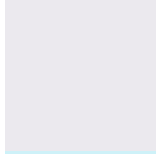
Trichromacy



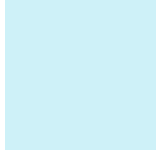
Original Color
93, 16.138, 181.598



Protanomaly
93, 5.282, 163.321



Deuteranomaly
93, 2.695, 305.568

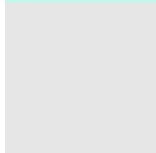


Tritanomaly
93, 12.195, 216.036

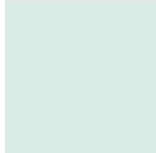
Monochromacy



Original Color
93, 16.138, 181.598



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 5.846, 183.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.138, 181.598 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(199, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(199, 244, 235)  
}
```

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(199, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 244, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.138, 181.598 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(199, 244, 235) }
```

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

```
.border{ border-color:rgb(199, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(199, 244,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.138, 181.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 244, 235) }
```

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

```
.background{ background-color: rgb(199,  
244, 235) }
```

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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