

Converting Colors

CIELCh(93, 16.924, 181.846)

Have a look what the booklet for
CIELCh(93, 16.924, 181.846)
contains.

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Color

CIELCh(93, 17.241, 180.838)

Conversions

Conversions Part 1

Format	Color
Hex	C5F5EB
RGB	197, 245, 235
RGB Percent	77%, 96%, 92%
CMY	0.2284, 0.0402, 0.0794
CMYK	0.20, 0.00, 0.04, 0.04
HSL	167°, 70%, 87%
HSV	167°, 20%, 96%
XYZ	70.4918, 82.9670, 90.7011
YIQ	229.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

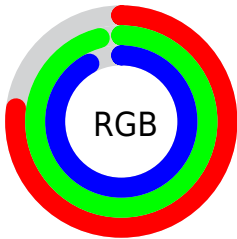
Format	Color
R_{YB}	197, 224, 245
Decimal	12973547
CIE _{Lab}	93.00, -17.24, -0.25
CIE _{LCh}	93, 17.241, 180.838
Yxy	82.9670, 0.2887, 0.3398
Android (android.graphics.Color)	4291163627 (0xFFC5F5EB)
YUV	229.5080, 2.7076, -28.5095
Hunter-Lab	91.0862, -21.2594, 4.7211

Details

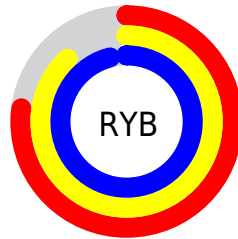
The CIELCh color **93, 17.241, 180.838** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 18.636, 4.606**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **73, 17.603, 180.005** is the 20% darker color. If you saturate the color by 10%, you get **92, 25.497, 179.819**, and if you desaturate by 10%, it is **95, 8.579, 181.815**.

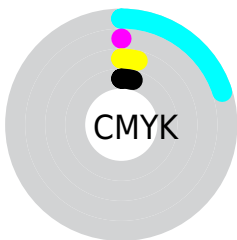
Distribution



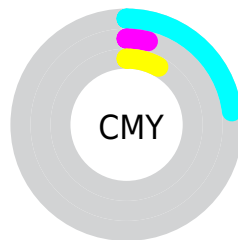
- Red (77%)
- Green (96%)
- Blue (92%)



- Red (77%)
- Yellow (88%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)




- Cyan (23%)
- Magenta (4%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 17.241, 180.838 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, 17.241, 180.838 by changing the saturation by 10% instead.

 93, 17.241,
180.838


 93, 17.241,
180.838


 100, 17.241,
180.838


 83, 17.241,
180.838


 73, 17.241,
180.838

 63, 17.241,
180.838

 53, 17.241,
180.838

 43, 17.241,
180.838

 33, 17.241,
180.838

 23, 17.241,

180.838

■ 13, 17.241,
180.838

■ 3, 17.241, 180.838

■ 93, 17.241,
180.838

■ 93, 17.241,
180.838

■ 92, 25.497,
179.819

■ 95, 8.579, 181.815

■ 90, 33.191,
178.740

■ 97, 0.357, 0.990

■ 97, 4.538, 342.985

■ 89, 40.171,
177.575

■ 97, 6.387, 324.616

■ 88, 46.296,
176.303

■ 88, 51.459,
174.899

■ 87, 55.608,
173.339

■ 87, 58.767,
171.605

■ 87, 61.116,
169.717

■ 87, 61.202,
169.644

Harmonies

Complementary

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



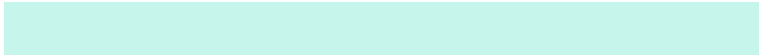
93, 17.241, 180.838



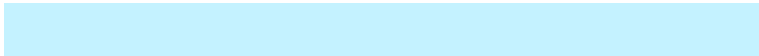
84, 18.636, 4.606

Rectangle

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



93, 17.241, 180.838



93, 17.241, 230.838



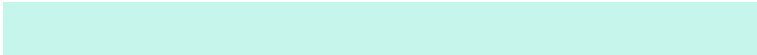
93, 17.241, 0.838



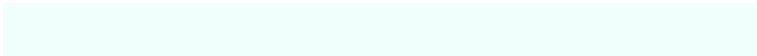
93, 17.241, 50.838

Sweetspot

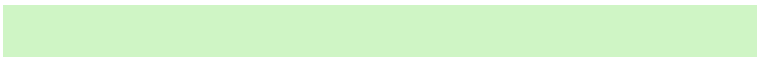
The Sweet Spot groups the original color and five complimentary colors.



93, 17.242, 180.834



99, 5.560, 182.185



93, 28.278, 137.355



53, 3.685, 182.114



0, 0.000, 0.000



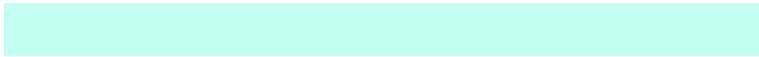
53, 0.007, 296.813

Same Dimension

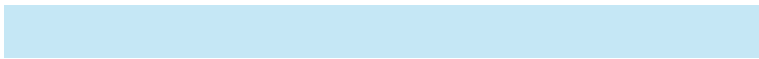
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 17.242, 180.834



96, 21.631, 180.389



90, 13.290, 231.084



50, 5.075, 181.827



68, 49.612, 169.995



21, 21.299, 172.822

Inverse Universe

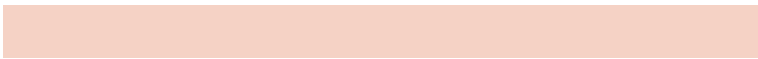
The Inverse Universe completely reimagines the original color for something new.



84, 18.636, 4.606



84, 23.826, 5.171



87, 14.942, 48.380



48, 5.266, 3.448



39, 72.981, 28.849



9, 29.966, 16.322

Previews

White Background



This preview shows how the CIE LCh color 93, 17.241, 180.838 looks on a white background.

Color Contrast Check

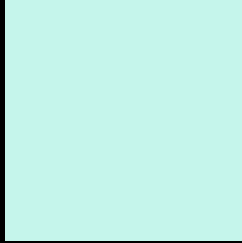
Large Text (above 18pt) WCAG AA × Fail

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, 17.241, 180.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

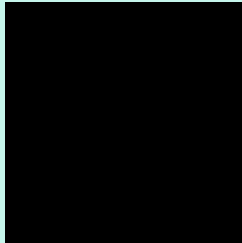
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

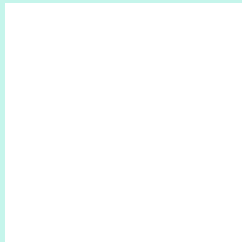
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 17.241, 180.838

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.241, 180.838.

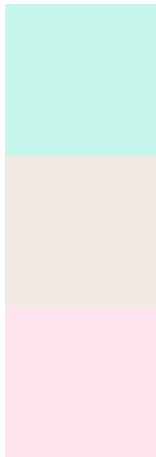


This preview shows how white text looks on a background with the CIELCh color 93, 17.241, 180.838.

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, 17.241, 180.838

Protanopia
93, 3.582, 65.228

Deuteranopia
93, 11.543, 350.833

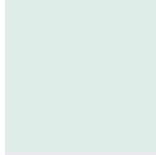


Tritanopia
93, 12.707, 236.582

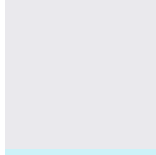
Trichromacy



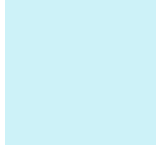
Original Color
93, 17.241, 180.838



Protanomaly
93, 5.883, 161.273



Deuteranomaly
93, 2.110, 299.997

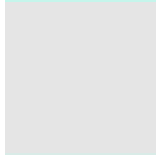


Tritanomaly
93, 12.702, 212.847

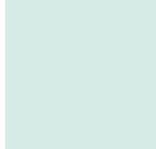
Monochromacy



Original Color
93, 17.241, 180.838



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 6.675, 180.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 17.241, 180.838 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(197, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(197, 245, 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(197, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 245, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.241, 180.838 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(197, 245, 235) }
```

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

```
.border{ border-color:rgb(197, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(197, 245,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.241, 180.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 245, 235) }
```

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

```
.background{ background-color: rgb(197,  
245, 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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