

Converting Colors

CIELCh(93, 15.768, 186.024)

Have a look what the booklet for
CIELCh(93, 15.768, 186.024)
contains.

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Color

CIELCh(93, 15.796, 185.135)

Conversions

Conversions Part 1	
Format	Color
Hex	C7F4ED
RGB	199, 244, 237
RGB Percent	78%, 96%, 93%
CMY	0.2196, 0.0431, 0.0705
CMYK	0.18, 0.00, 0.03, 0.04
HSL	171°, 67%, 87%
HSV	171°, 18%, 96%
XYZ	71.1981, 82.9670, 92.3912
YIQ	229.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

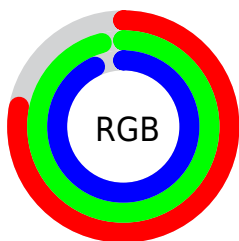
Format	Color
RYB	199, 223, 244
Decimal	13104365
CIELab	93.00, -15.73, -1.41
CIELCh	93, 15.796, 185.135
Yxy	82.9670, 0.2888, 0.3365
Android (android.graphics.Color)	4291294445 (0xFFC7F4ED)
YUV	229.7470, 3.5757, -26.9651
Hunter-Lab	91.0862, -19.8753, 3.6210

Details

The CIELCh color **93, 15.796, 185.135** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 17.198, 8.480**, 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, 16.083, 184.423** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.788, 184.200**, and if you desaturate by 10%, it is **95, 7.362, 186.054**.

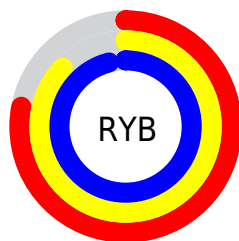
Distribution



Red (78%)

Green (96%)

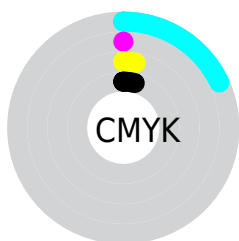
Blue (93%)



Red (78%)

Yellow (87%)

Blue (96%)

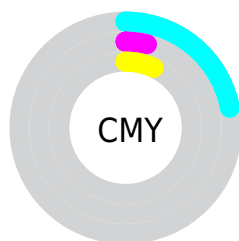


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (4%)



Cyan (22%)


Magenta (4%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 15.796, 185.135 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, 15.796, 185.135 by changing the saturation by 10% instead.


 93, 15.796,
185.135


 93, 15.796,
185.135


 100, 15.796,
185.135


 83, 15.796,
185.135


 73, 15.796,
185.135

 63, 15.796,
185.135


 53, 15.796,
185.135

 43, 15.796,
185.135


 33, 15.796,
185.135


 23, 15.796,


185.135

 13, 15.796,
185.135


 3, 15.796, 185.135

 93, 15.796,
185.135

 93, 15.796,
185.135


 92, 23.788,
184.200

 95, 7.362, 186.054


 90, 31.186,
183.231

 96, 1.381, 6.382

 97, 4.499, 349.707

 89, 37.842,
182.204


 97, 5.723, 332.729


 88, 43.619,
181.103

 97, 6.841, 324.635

 88, 48.414,
179.905

 87, 52.174,
178.588

 87, 54.922,
177.131

 87, 56.800,
175.534

 87, 57.060,
175.283

Harmonies

Complementary

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



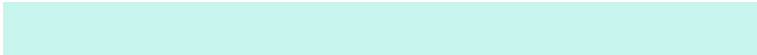
93, 15.796, 185.135



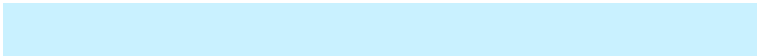
84, 17.198, 8.480

Rectangle

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



93, 15.796, 185.135



93, 15.796, 235.135



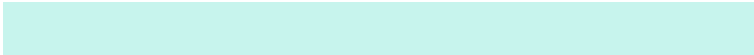
93, 15.796, 5.135



93, 15.796, 55.135

Sweetspot

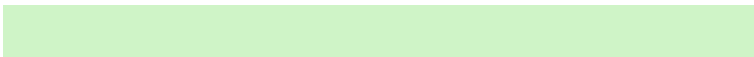
The Sweet Spot groups the original color and five complimentary colors.



93, 15.797, 185.130



99, 5.441, 186.296



93, 26.939, 138.859



53, 3.606, 186.228



0, 0.000, 0.000



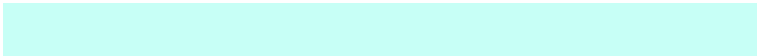
53, 0.007, 296.813

Same Dimension

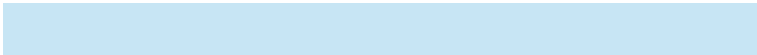
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 15.797, 185.130



96, 19.376, 184.797



89, 12.540, 237.579



50, 4.961, 185.955



68, 46.419, 175.578



21, 20.127, 177.953

Inverse Universe

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



84, 17.198, 8.480



85, 21.475, 8.919



88, 13.834, 54.227



48, 5.178, 7.489



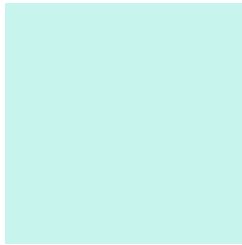
39, 75.572, 32.611



8, 30.177, 18.650

Previews

White Background



This preview shows how the CIELCh color 93, 15.796, 185.135 looks on a white background.

Color Contrast Check

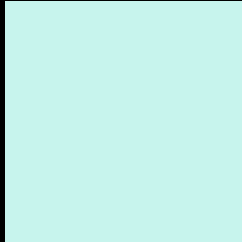
Large Text (above 18pt) WCAG AA × Fail

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, 15.796, 185.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

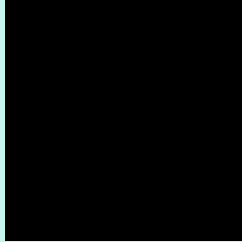
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

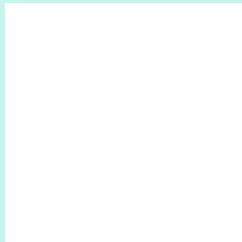
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 15.796, 185.135

Background



This preview shows how black text looks on a background with the CIELCh color 93, 15.796, 185.135.

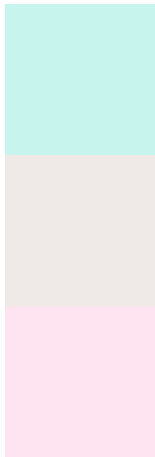


This preview shows how white text looks on a background with the CIELCh color 93, 15.796, 185.135.

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, 15.796, 185.135

Protanopia

93, 2.369, 45.015

Deuteranopia

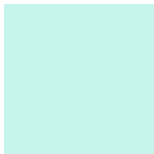
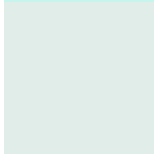
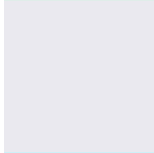
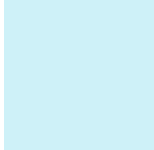
93, 11.767, 345.537



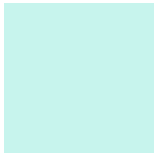
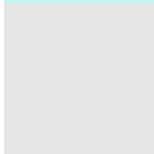
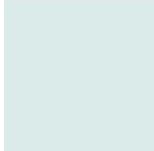
Tritanopia

93, 12.521, 240.397

Trichromacy

	Original Color 93, 15.796, 185.135
	Protanomaly 93, 5.044, 175.033
	Deuteranomaly 93, 3.132, 296.887
	Tritanomaly 93, 12.195, 216.036

Monochromacy

	Original Color 93, 15.796, 185.135
	Achromatopsia 91, 0.011, 296.813
	Achromatomaly 92, 5.713, 188.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 15.796, 185.135 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(199, 244, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 244, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 15.796, 185.135 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, 237) }
```

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

```
.border{ border-color:rgb(199, 244, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 244, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 244, 237);  
box-shadow:4px 4px 4px 4px rgb(199, 244,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 15.796, 185.135 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, 237) }
```

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

```
.background{ background-color: rgb(199,  
244, 237) }
```

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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