

Converting Colors

CIELCh(93, 18.774, 160.353)

Have a look what the booklet for
CIELCh(93, 18.774, 160.353)
contains.

CIELCh(93, 19.054, 159.746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 19.054, 159.746)

Conversions

Conversions Part 1

Format	Color
Hex	CBF5DE
RGB	203, 245, 222
RGB Percent	80%, 96%, 87%
CMY	0.2054, 0.0407, 0.1309
CMYK	0.17, 0.00, 0.09, 0.04
HSL	147°, 67%, 88%
HSV	147°, 17%, 96%
XYZ	70.1947, 82.9670, 81.1548
YIQ	229.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

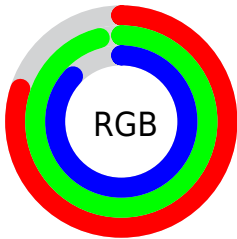
Format	Color
R_{YB}	203, 232, 245
Decimal	13366750
CIE _{Lab}	93.00, -17.88, 6.60
CIE _{LCh}	93, 19.054, 159.746
Yxy	82.9670, 0.2996, 0.3541
Android (android.graphics.Color)	4291556830 (0xFFC _B F5DE)
YUV	229.8200, -3.8553, -23.5211
Hunter-Lab	91.0862, -21.8416, 10.9350

Details

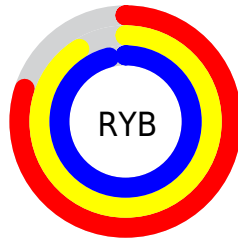
The CIELCh color **93, 19.054, 159.746** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.388, 342.580**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 19.350, 159.885** is the 20% darker color. If you saturate the color by 10%, you get **91, 30.060, 158.748**, and if you desaturate by 10%, it is **95, 7.944, 160.656**.

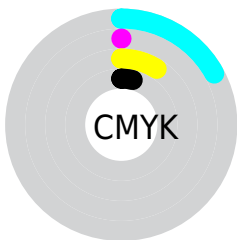
Distribution



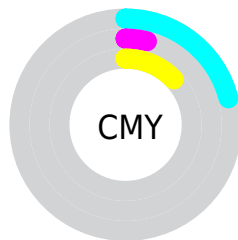
- Red (80%)
- Green (96%)
- Blue (87%)



- Red (80%)
- Yellow (91%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (21%)
- Magenta (4%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 19.054, 159.746 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, 19.054, 159.746 by changing the saturation by 10% instead.

 93, 19.054,
159.746


 93, 19.054,
159.746


 100, 19.054,
159.746


 83, 19.054,
159.746

 73, 19.054,
159.746

 63, 19.054,
159.746

 53, 19.054,
159.746

 43, 19.054,
159.746

 33, 19.054,
159.746

 23, 19.054,

159.746

■ 13, 19.054,
159.746

■ 3, 19.054, 159.746

■ 93, 19.054,
159.746

■ 93, 19.054,
159.746

■ 91, 30.060,
158.748

■ 95, 7.944, 160.656

■ 90, 40.793,
157.627

■ 97, 3.139, 341.242

■ 97, 6.467, 324.619

■ 89, 51.068,
156.353

■ 87, 60.687,
154.902

■ 87, 69.470,
153.250

■ 86, 77.277,
151.385

■ 85, 84.040,
149.312

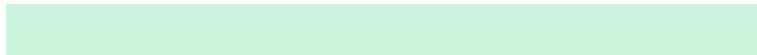
■ 85, 89.796,
147.073

■ 85, 91.312,
146.449

Harmonies

Complementary

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



93, 19.054, 159.746



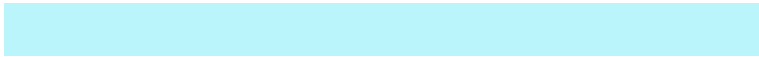
86, 19.388, 342.580

Rectangle

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



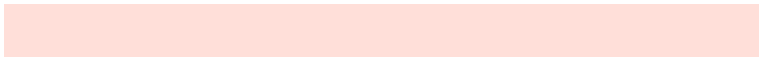
93, 19.054, 159.746



93, 19.054, 209.746



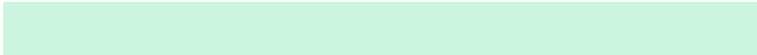
93, 19.054, 339.746



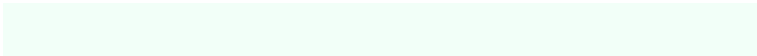
93, 19.054, 29.746

Sweetspot

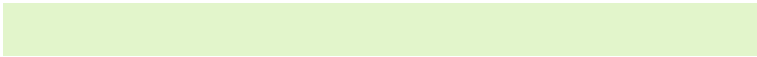
The Sweet Spot groups the original color and five complimentary colors.



93, 19.056, 159.744



99, 5.727, 160.857



94, 22.594, 126.491



53, 3.908, 160.790



0, 0.000, 0.000



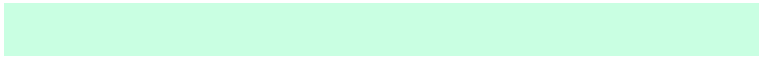
53, 0.007, 296.813

Same Dimension

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



93, 19.056, 159.744



96, 24.094, 159.371



94, 14.254, 194.145



50, 6.309, 160.447



66, 73.729, 146.864



21, 30.460, 150.411

Inverse Universe

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



86, 19.388, 342.580



87, 24.602, 342.942



85, 15.783, 16.626



48, 6.375, 341.893



40, 67.639, 357.577



9, 30.772, 352.279

Previews

White Background



This preview shows how the CIE LCh color 93, 19.054, 159.746 looks on a white background.

Color Contrast Check

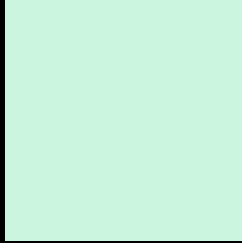
Large Text (above 18pt) WCAG AA × Fail

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, 19.054, 159.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

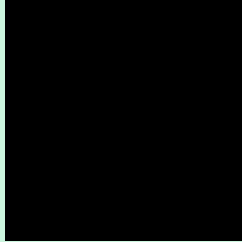
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

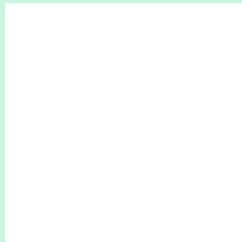
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 19.054, 159.746

Background



This preview shows how black text looks on a background with the CIELCh color 93, 19.054, 159.746.

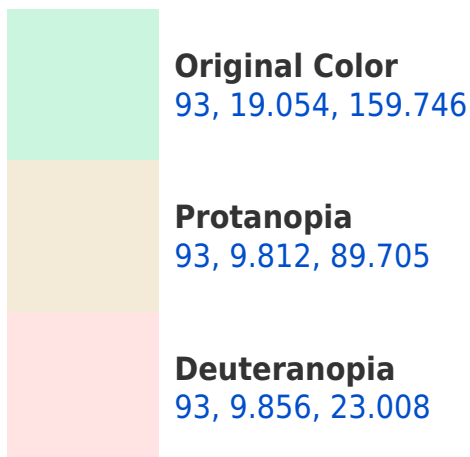


This preview shows how white text looks on a background with the CIELCh color 93, 19.054, 159.746.

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



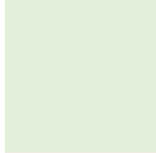


Tritanopia
93, 11.816, 243.518

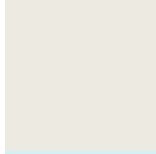
Trichromacy



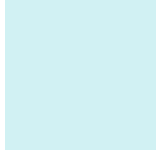
Original Color
93, 19.054, 159.746



Protanomaly
93, 10.929, 128.709



Deuteranomaly
93, 4.676, 100.920

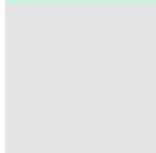


Tritanomaly
93, 10.905, 204.209

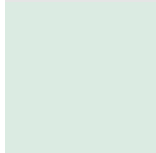
Monochromacy



Original Color
93, 19.054, 159.746



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 7.385, 159.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 19.054, 159.746 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(203, 245, 222)` looks like.

```
.text, #text, p{  
    color:rgb(203, 245, 222)  
}
```

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(203, 245, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 245, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 19.054, 159.746 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(203, 245, 222) }
```

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

```
.border{ border-color:rgb(203, 245, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 245, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 245, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 245, 222); box-shadow:4px 4px 4px 4px rgb(203, 245, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 19.054, 159.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 245, 222) }
```

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

```
.background{ background-color: rgb(203,  
245, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor