

Converting Colors

CIELCh(93, 28.701, 150.385)

Have a look what the booklet for
CIELCh(93, 28.701, 150.385)
contains.

CIELCh(93, 28.679, 150.392)	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, 28.679, 150.392)

Conversions

Conversions Part 1

Format	Color
Hex	C2F8CF
RGB	194, 248, 207
RGB Percent	76%, 97%, 81%
CMY	0.2399, 0.0281, 0.1889
CMYK	0.22, 0.00, 0.17, 0.03
HSL	134°, 79%, 87%
HSV	134°, 22%, 97%
XYZ	66.9570, 82.9670, 71.4057
YIQ	227.1800, -19.0230, -24.1990

Conversions

Conversions Part 2

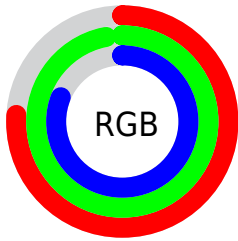
Format	Color
RYB	194, 238, 248
Decimal	12777679
CIELab	93.00, -24.93, 14.17
CIElCh	93, 28.679, 150.392
Yxy	82.9670, 0.3025, 0.3749
Android (android.graphics.Color)	4290967759 (0xFFC2F8CF)
YUV	227.1800, -9.9487, -29.0989
Hunter-Lab	91.0862, -28.1865, 17.2808

Details

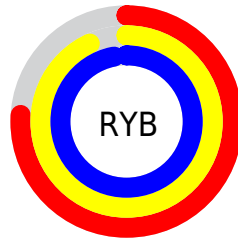
The CIELCh color **93, 28.679, 150.392** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 28.846, 333.439**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **73, 28.384, 150.977** is the 20% darker color. If you saturate the color by 10%, you get **91, 41.771, 149.455**, and if you desaturate by 10%, it is **95, 15.474, 151.208**.

Distribution



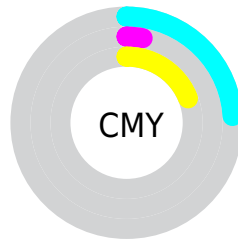
- Red (76%)
- Green (97%)
- Blue (81%)



- Red (76%)
- Yellow (93%)
- Blue (97%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)





- Cyan (24%)
- Magenta (3%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 28.679, 150.392 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, 28.679, 150.392 by changing the saturation by 10% instead.


 93, 28.679,
150.392


 93, 28.679,
150.392


 100, 28.679,
150.392


 83, 28.679,
150.392

 73, 28.679,
150.392

 63, 28.679,
150.392

 53, 28.679,
150.392

 43, 28.679,
150.392

 33, 28.679,
150.392

 23, 28.679,

150.392

■ 13, 28.679,
150.392

■ 3, 28.679, 150.392

■ 93, 28.679,
150.392

■ 93, 28.679,
150.392

■ 91, 41.771,
149.455

■ 95, 15.474,
151.208

■ 90, 54.523,
148.372

■ 97, 2.325, 152.042

■ 89, 66.681,
147.124

■ 98, 4.467, 324.528

■ 88, 77.967,
145.700

■ 87, 88.106,
144.106

■ 86, 96.852,
142.374

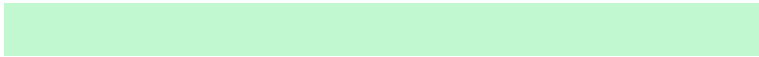
■ 86, 104.013,
140.575

■ 86, 108.681,
139.167

Harmonies

Complementary

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



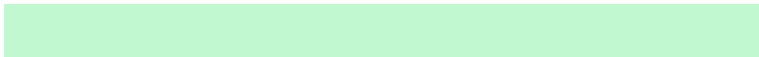
93, 28.679, 150.392



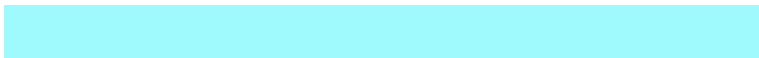
84, 28.846, 333.439

Rectangle

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



93, 28.679, 150.392



93, 28.679, 200.392



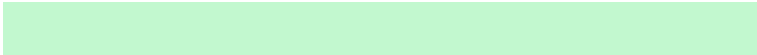
93, 28.679, 330.392



93, 28.679, 20.392

Sweetspot

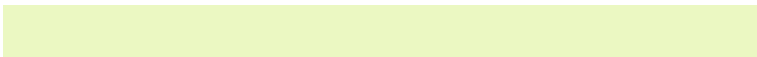
The Sweet Spot groups the original color and five complimentary colors.



93, 28.681, 150.392



98, 9.376, 151.570



95, 27.833, 117.855



52, 6.095, 151.524



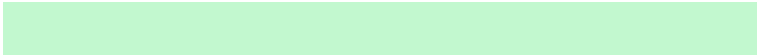
0, 0.000, 0.000



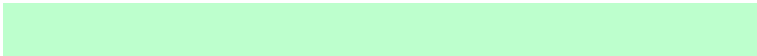
53, 0.007, 296.813

Same Dimension

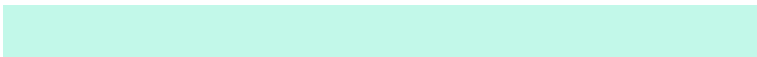
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 28.681, 150.392



95, 35.021, 150.010



94, 19.948, 176.240



51, 7.503, 151.382



67, 87.916, 139.476



22, 37.279, 142.281

Inverse Universe

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



84, 28.846, 333.439



84, 35.240, 333.744



83, 21.435, 0.592



49, 7.531, 332.582



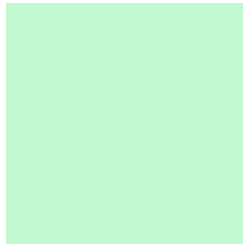
42, 76.593, 340.767



11, 35.422, 338.818

Previews

White Background



This preview shows how the CIELCh color 93, 28.679, 150.392 looks on a white background.

Color Contrast Check

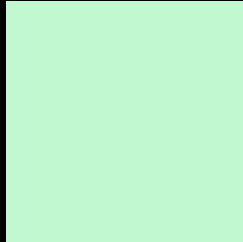
Large Text (above 18pt) WCAG AA × Fail

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, 28.679, 150.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

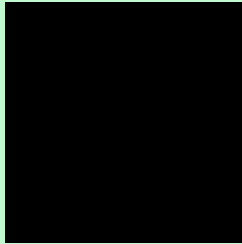
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

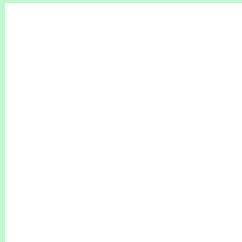
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 28.679, 150.392

Background



This preview shows how black text looks on a background with the CIELCh color 93, 28.679, 150.392.

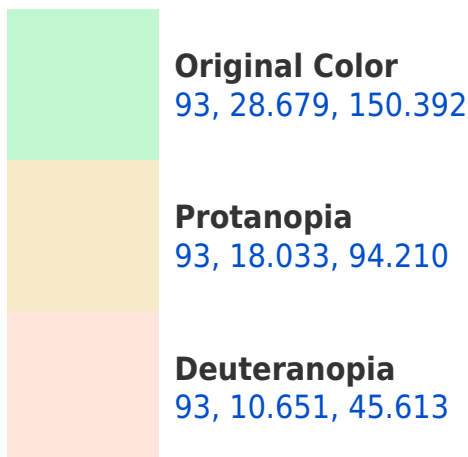


This preview shows how white text looks on a background with the CIELCh color 93, 28.679, 150.392.

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



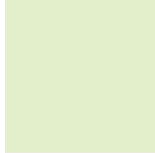


Tritanopia
93, 12.521, 240.397

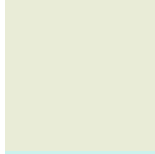
Trichromacy



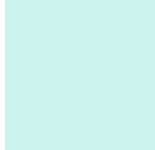
Original Color
93, 28.679, 150.392



Protanomaly
93, 19.507, 121.854



Deuteranomaly
93, 10.855, 115.111

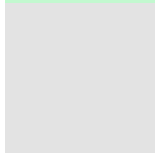


Tritanomaly
93, 13.303, 187.343

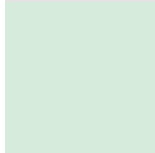
Monochromacy



Original Color
93, 28.679, 150.392



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 10.608, 151.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 28.679, 150.392 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(194, 248, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 248, 207)  
}
```

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(194, 248, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 248, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 28.679, 150.392 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(194, 248, 207) }
```

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

```
.border{ border-color:rgb(194, 248, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 248, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 248, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 248, 207); box-shadow:4px 4px 4px 4px rgb(194, 248, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 28.679, 150.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 248, 207) }
```

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

```
.background{ background-color: rgb(194,  
248, 207) }
```

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