

Converting Colors

CIELCh(94, 28.828, 151.904)

Have a look what the booklet for
CIELCh(94, 28.828, 151.904)
contains.

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Color

CIELCh(94, 28.693, 152.013)

Conversions

Conversions Part 1

Format	Color
Hex	C3FBD3
RGB	195, 251, 211
RGB Percent	76%, 98%, 83%
CMY	0.2354, 0.0158, 0.1727
CMYK	0.22, 0.00, 0.16, 0.02
HSL	137°, 87%, 87%
HSV	137°, 22%, 98%
XYZ	68.7366, 85.2715, 74.4418
YIQ	229.6960, -20.5360, -24.3120

Conversions

Conversions Part 2

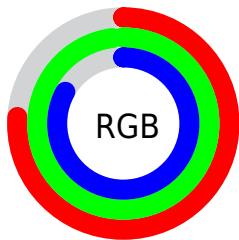
Format	Color
RYB	195, 239, 251
Decimal	12843987
CIELab	94.00, -25.34, 13.46
CIELCh	94, 28.693, 152.013
Yxy	85.2715, 0.3009, 0.3733
Android (android.graphics.Color)	4291034067 (0xFFC3FBD3)
YUV	229.6960, -9.2171, -30.4284
Hunter-Lab	92.3426, -28.7303, 16.8433

Details

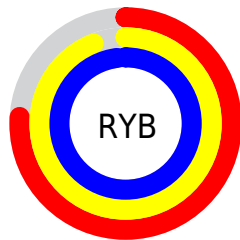
The CIELCh color **94, 28.693, 152.013** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 28.928, 335.273**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **74, 28.790, 151.943** is the 20% darker color. If you saturate the color by 10%, you get **92, 41.452, 151.045**, and if you desaturate by 10%, it is **96, 15.802, 152.859**.

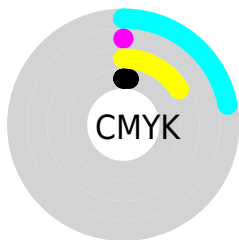
Distribution



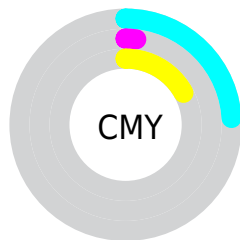
- Red (76%)
- Green (98%)
- Blue (83%)



- Red (76%)
- Yellow (94%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 28.693, 152.013 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 94, 28.693, 152.013 by changing the saturation by 10% instead.

 94, 28.693,
152.013


 94, 28.693,
152.013

 100, 28.693,
152.013


 84, 28.693,
152.013

 74, 28.693,
152.013

 64, 28.693,
152.013

 54, 28.693,
152.013

 44, 28.693,
152.013

 34, 28.693,
152.013

 24, 28.693,

152.013

■ 14, 28.693,
152.013

■ 4, 28.693, 152.013

■ 94, 28.693,
152.013

■ 94, 28.693,
152.013

■ 92, 41.452,
151.045

■ 96, 15.802,
152.859

■ 91, 53.860,
149.930

■ 98, 2.946, 153.695

■ 90, 65.676,
148.646

■ 99, 2.510, 324.406

■ 89, 76.643,
147.177

■ 88, 86.515,
145.523

■ 87, 95.090,
143.705

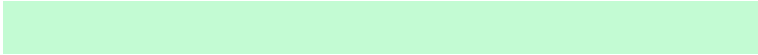
■ 87, 102.231,
141.783

■ 87, 106.764,
140.334

Harmonies

Complementary

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



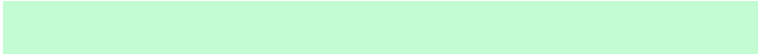
94, 28.693, 152.013



85, 28.928, 335.273

Rectangle

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



94, 28.693, 152.013



94, 28.693, 202.013



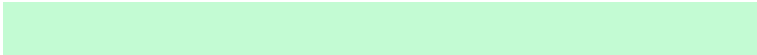
94, 28.693, 332.013



94, 28.693, 22.013

Sweetspot

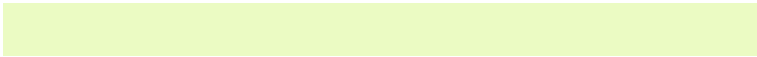
The Sweet Spot groups the original color and five complimentary colors.



94, 28.695, 152.012



98, 9.072, 153.276



96, 29.005, 119.836



52, 5.897, 153.229



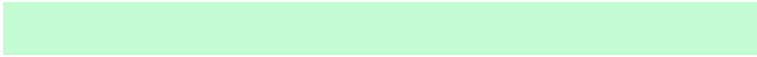
0, 0.000, 0.000



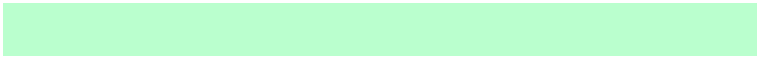
53, 0.007, 296.813

Same Dimension

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



94, 28.695, 152.012



94, 35.152, 151.574



95, 20.015, 179.920



51, 7.259, 153.081



67, 85.462, 140.689



22, 36.122, 143.680

Inverse Universe

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



85, 28.928, 335.273



83, 35.474, 335.635



84, 21.835, 4.328



49, 7.294, 334.328



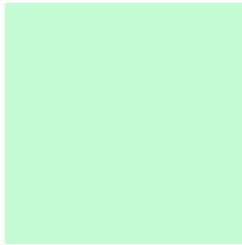
42, 74.273, 343.874



10, 34.436, 341.365

Previews

White Background



This preview shows how the CIE LCh color 94, 28.693, 152.013 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 94, 28.693, 152.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

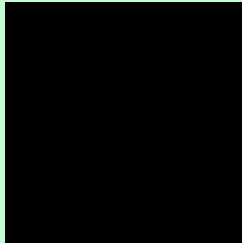
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

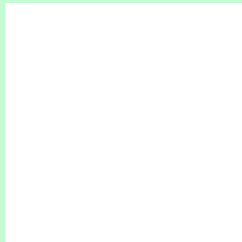
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 28.693, 152.013

Background



This preview shows how black text looks on a background with the CIELCh color 94, 28.693, 152.013.

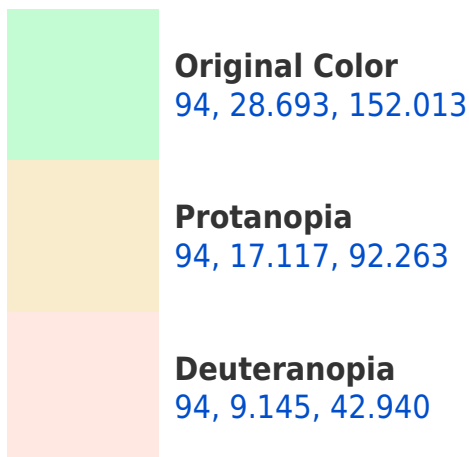


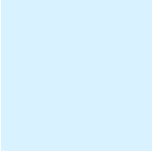
This preview shows how white text looks on a background with the CIELCh color 94, 28.693, 152.013.

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



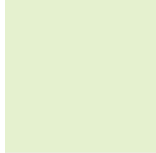


Tritanopia
94, 10.849, 237.222

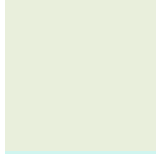
Trichromacy



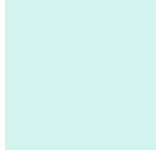
Original Color
94, 28.693, 152.013



Protanomaly
93, 17.990, 123.029

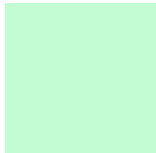


Deuteranomaly
94, 10.005, 121.958

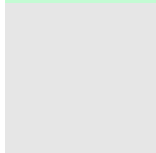


Tritanomaly
94, 13.101, 184.909

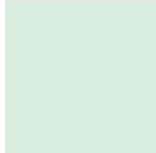
Monochromacy



Original Color
94, 28.693, 152.013



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.826, 153.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 28.693, 152.013 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(195, 251, 211)` looks like.

```
.text, #text, p{  
    color:rgb(195, 251, 211)  
}
```

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(195, 251, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 251, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 28.693, 152.013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

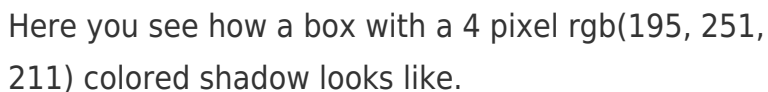
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 251, 211) }
```

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

```
.border{ border-color:rgb(195, 251, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 251, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 251, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 251, 211); box-shadow:4px 4px 4px 4px rgb(195, 251, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 28.693, 152.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 251, 211) }
```

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

```
.background{ background-color: rgb(195,  
251, 211) }
```

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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