

Converting Colors

CIELCh(94, 36.087, 150.250)

Have a look what the booklet for
CIELCh(94, 36.087, 150.250)
contains.

CIELCh(94, 36.314, 150.102)	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(94, 36.314, 150.102)

Conversions

Conversions Part 1

Format	Color
Hex	B9FECA
RGB	185, 254, 202
RGB Percent	73%, 100%, 79%
CMY	0.2754, 0.0048, 0.2087
CMYK	0.27, 0.00, 0.20, 0.00
HSL	135°, 97%, 86%
HSV	135°, 27%, 100%
XYZ	65.9523, 85.2715, 68.7186
YIQ	227.4410, -24.4320, -30.8000

Conversions

Conversions Part 2

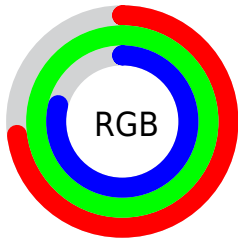
Format	Color
RYB	185, 240, 254
Decimal	12189386
CIELab	94.00, -31.48, 18.10
CIELCh	94, 36.314, 150.102
Yxy	85.2715, 0.2999, 0.3877
Android (android.graphics.Color)	4290379466 (0xFFB9FECA)
YUV	227.4410, -12.5424, -37.2208
Hunter-Lab	92.3426, -34.1125, 20.5180

Details

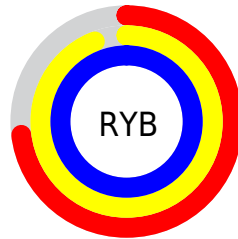
The CIELCh color **94, 36.314, 150.102** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 36.559, 334.051**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **74, 36.287, 150.283** is the 20% darker color. If you saturate the color by 10%, you get **92, 49.445, 149.084**, and if you desaturate by 10%, it is **96, 22.950, 150.984**.

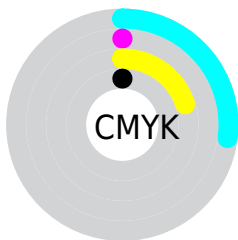
Distribution



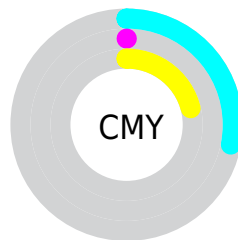
- Red (73%)
- Green (100%)
- Blue (79%)



- Red (73%)
- Yellow (94%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 36.314, 150.102 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, 36.314, 150.102 by changing the saturation by 10% instead.


 94, 36.314,
150.102


 94, 36.314,
150.102


 100, 36.314,
150.102


 84, 36.314,
150.102

 74, 36.314,
150.102

 64, 36.314,
150.102

 54, 36.314,
150.102

 44, 36.314,
150.102

 34, 36.314,
150.102

 24, 36.314,

150.102

■ 14, 36.314,
150.102

■ 4, 36.314, 150.102

■ 94, 36.314,
150.102

■ 94, 36.314,
150.102

■ 92, 49.445,
149.084

■ 96, 22.950,
150.984

■ 91, 62.093,
147.908

■ 98, 9.551, 151.764

■ 90, 73.986,
146.559

100, 0.775,
324.070

■ 89, 84.843,
145.033

■ 88, 94.399,
143.346

■ 88, 102.439,
141.550

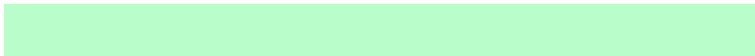
■ 88, 108.819,
139.744

■ 88, 110.351,
139.281

Harmonies

Complementary

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



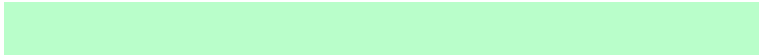
94, 36.314, 150.102



83, 36.559, 334.051

Rectangle

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



94, 36.314, 150.102



94, 36.314, 200.102



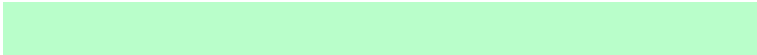
94, 36.314, 330.102



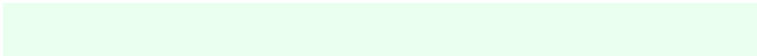
94, 36.314, 20.102

Sweetspot

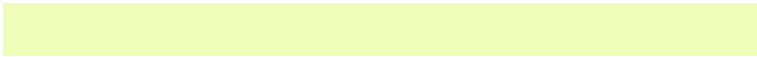
The Sweet Spot groups the original color and five complimentary colors.



94, 36.316, 150.102



98, 10.679, 151.702



97, 35.312, 117.497



52, 7.596, 151.588



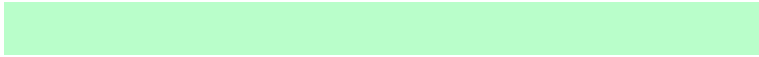
0, 0.000, 0.000



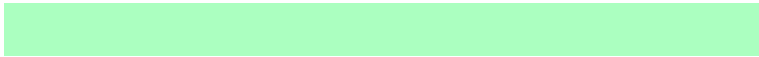
53, 0.007, 296.813

Same Dimension

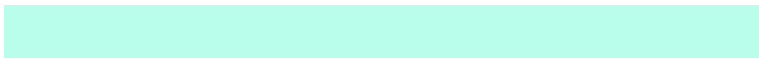
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 36.316, 150.102



93, 44.164, 149.527



95, 25.141, 175.660



52, 7.596, 151.588



68, 88.541, 139.601



23, 38.287, 142.281

Inverse Universe

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



83, 36.559, 334.051



80, 44.467, 334.484



82, 27.540, 1.308



50, 7.627, 332.797



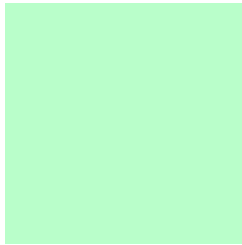
43, 77.043, 341.158



11, 36.205, 339.229

Previews

White Background



This preview shows how the CIELCh color 94, 36.314, 150.102 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 94, 36.314, 150.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

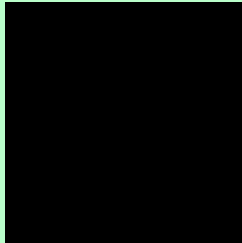
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

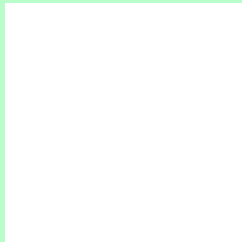
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 36.314, 150.102

Background



This preview shows how black text looks on a background with the CIELCh color 94, 36.314, 150.102.



This preview shows how white text looks on a background with the CIELCh color 94, 36.314, 150.102.

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



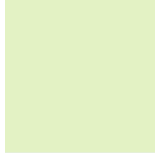


Tritanopia
94, 11.625, 234.231

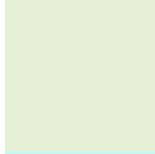
Trichromacy



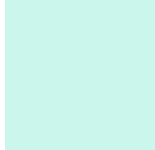
Original Color
94, 36.314, 150.102



Protanomaly
93, 24.186, 121.720



Deuteranomaly
93, 13.466, 126.462

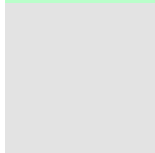


Tritanomaly
94, 15.694, 179.202

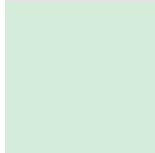
Monochromacy



Original Color
94, 36.314, 150.102



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 13.352, 151.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 36.314, 150.102 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(185, 254, 202)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 202)  
}
```

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(185, 254, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 36.314, 150.102 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(185, 254, 202) }
```

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

```
.border{ border-color:rgb(185, 254, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 254, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 202);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 36.314, 150.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 202) }
```

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

```
.background{ background-color: rgb(185,  
254, 202) }
```

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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