

Converting Colors

CIELCh(94, 36.828, 148.717)

Have a look what the booklet for
CIELCh(94, 36.828, 148.717)
contains.

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Color

CIELCh(94, 36.884, 148.722)

Conversions

Conversions Part 1

Format	Color
Hex	BAFEC8
RGB	186, 254, 200
RGB Percent	73%, 100%, 78%
CMY	0.2716, 0.0050, 0.2167
CMYK	0.27, 0.00, 0.21, 0.00
HSL	132°, 96%, 86%
HSV	132°, 27%, 100%
XYZ	65.9335, 85.2715, 67.4658
YIQ	227.5120, -23.1940, -31.2100

Conversions

Conversions Part 2

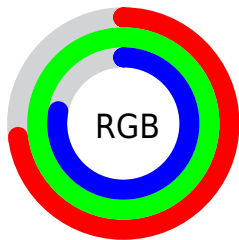
Format	Color
RYB	186, 242, 254
Decimal	12254920
CIELab	94.00, -31.52, 19.15
CIELCh	94, 36.884, 148.722
Yxy	85.2715, 0.3015, 0.3900
Android (android.graphics.Color)	4290445000 (0xFFBAFEC8)
YUV	227.5120, -13.5634, -36.4060
Hunter-Lab	92.3426, -34.1489, 21.3223

Details

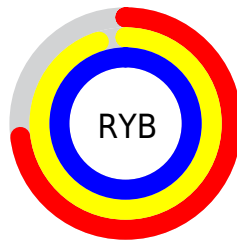
The CIELCh color **94, 36.884, 148.722** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 37.056, 332.475**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **74, 36.888, 148.853** is the 20% darker color. If you saturate the color by 10%, you get **92, 50.440, 147.729**, and if you desaturate by 10%, it is **96, 23.102, 149.580**.

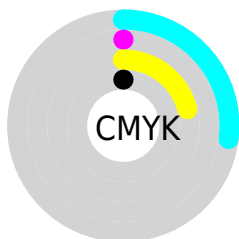
Distribution



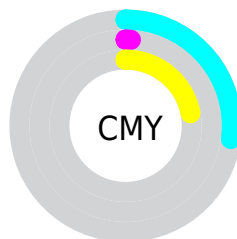
- Red (73%)
- Green (100%)
- Blue (78%)



- Red (73%)
- Yellow (95%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (27%)
- Magenta (1%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 36.884, 148.722 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, 36.884, 148.722 by changing the saturation by 10% instead.

 94, 36.884,
148.722


 94, 36.884,
148.722

 100, 36.884,
148.722

 84, 36.884,
148.722

 74, 36.884,
148.722

 64, 36.884,
148.722

 54, 36.884,
148.722

 44, 36.884,
148.722

 34, 36.884,
148.722

 24, 36.884,

148.722

■ 14, 36.884,
148.722

■ 4, 36.884, 148.722

■ 94, 36.884,
148.722

■ 94, 36.884,
148.722

■ 92, 50.440,
147.729

■ 96, 23.102,
149.580

■ 91, 63.505,
146.581

■ 98, 9.299, 150.337

■ 90, 75.788,
145.267

100, 0.799,
324.082

■ 89, 86.976,
143.788

■ 88, 96.765,
142.172

■ 88, 104.883,
140.483

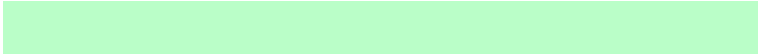
■ 88, 111.126,
138.832

■ 87, 112.758,
138.365

Harmonies

Complementary

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



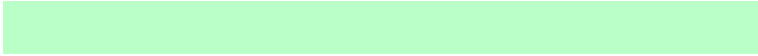
94, 36.884, 148.722



83, 37.056, 332.475

Rectangle

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



94, 36.884, 148.722



94, 36.884, 198.722



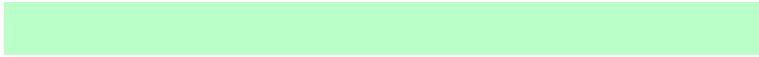
94, 36.884, 328.722



94, 36.884, 18.722

Sweetspot

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



94, 36.886, 148.722



98, 10.998, 150.248



97, 34.658, 116.140



52, 7.824, 150.137



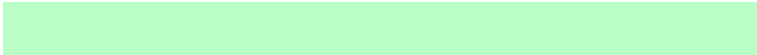
0, 0.000, 0.000



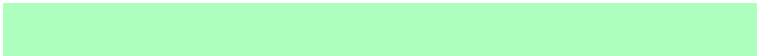
53, 0.007, 296.813

Same Dimension

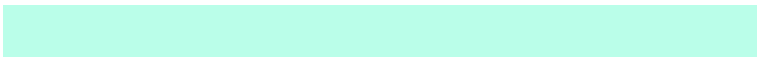
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 36.886, 148.722



94, 44.159, 148.223



95, 25.358, 173.327



52, 7.824, 150.137



68, 90.550, 138.650



23, 39.303, 141.137

Inverse Universe

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



83, 37.056, 332.475



80, 44.357, 332.837



82, 27.460, 358.876



50, 7.849, 331.308



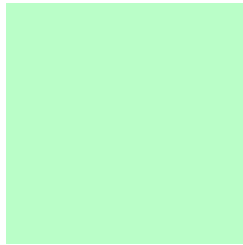
43, 79.329, 338.551



11, 37.177, 337.058

Previews

White Background



This preview shows how the CIE LCh color 94, 36.884, 148.722 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, 36.884, 148.722 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

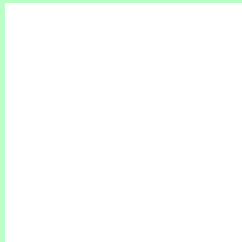
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 36.884, 148.722

Background



This preview shows how black text looks on a background with the CIELCh color 94, 36.884, 148.722.

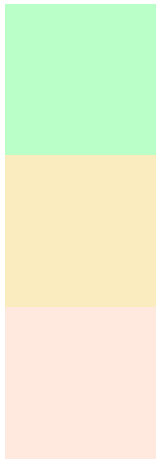


This preview shows how white text looks on a background with the CIELCh color 94, 36.884, 148.722.

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
94, 36.884, 148.722

Protanopia
94, 23.754, 94.312

Deuteranopia
94, 9.861, 54.619

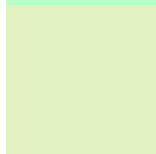


Tritanopia
94, 11.625, 234.231

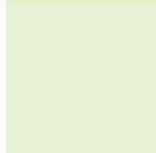
Trichromacy



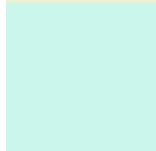
Original Color
94, 36.884, 148.722



Protanomaly
93, 25.173, 121.141



Deuteranomaly
94, 14.436, 125.227

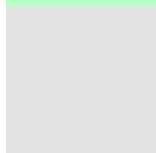


Tritanomaly
94, 15.903, 177.476

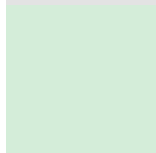
Monochromacy



Original Color
94, 36.884, 148.722



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.748, 149.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 36.884, 148.722 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(186, 254, 200)` looks like.

```
.text, #text, p{  
    color:rgb(186, 254, 200)  
}
```

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(186, 254, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 254, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 36.884, 148.722 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(186, 254, 200) }
```

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

```
.border{ border-color:rgb(186, 254, 200) }
```

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

Here you see how a box with a 4 pixel rgb(186, 254, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 254, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 254, 200);  
box-shadow:4px 4px 4px 4px rgb(186, 254,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 36.884, 148.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 254, 200) }
```

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

```
.background{ background-color: rgb(186,  
254, 200) }
```

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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