

Converting Colors

CIELCh(94, 43.297, 142.392)

Have a look what the booklet for
CIELCh(94, 43.297, 142.392)
contains.

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Color

CIELCh(94, 43.664, 142.202)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFB9
RGB	186, 255, 185
RGB Percent	73%, 100%, 73%
CMY	0.2715, 0.0009, 0.2754
CMYK	0.27, 0.00, 0.27, 0.00
HSL	119°, 99%, 86%
HSV	119°, 27%, 100%
XYZ	64.6111, 85.2715, 58.8286
YIQ	226.3890, -18.6540, -36.3980

Conversions

Conversions Part 2

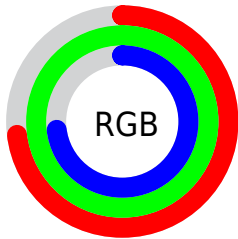
Format	Color
RYB	185, 255, 254
Decimal	12255161
CIELab	94.00, -34.50, 26.76
CIElCh	94, 43.664, 142.202
Yxy	85.2715, 0.3096, 0.4086
Android (android.graphics.Color)	4290445241 (0xFFBAFFB9)
YUV	226.3890, -20.4048, -35.4212
Hunter-Lab	92.3426, -36.7050, 26.8680

Details

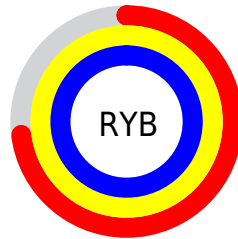
The CIELCh color **94, 43.664, 142.202** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 43.700, 325.542**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 8.316, 140.260**, and **74, 43.931, 142.013** is the 20% darker color. If you saturate the color by 10%, you get **92, 59.256, 141.302**, and if you desaturate by 10%, it is **96, 27.752, 142.984**.

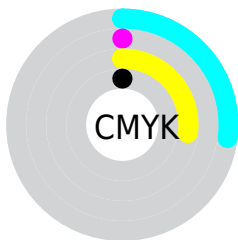
Distribution



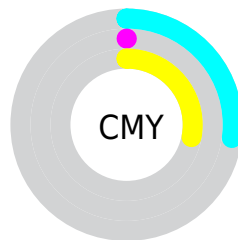
- Red (73%)
- Green (100%)
- Blue (73%)



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



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





- Cyan (27%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 43.664, 142.202 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, 43.664, 142.202 by changing the saturation by 10% instead.


 94, 43.664,
142.202


 94, 43.664,
142.202

 100, 43.664,
142.202


 84, 43.664,
142.202

 74, 43.664,
142.202

 64, 43.664,
142.202


 54, 43.664,
142.202

 44, 43.664,
142.202

 34, 43.664,
142.202


 24, 43.664,


142.202

 14, 43.664,
142.202


 4, 43.664, 142.202

 94, 43.664,
142.202


 94, 43.664,
142.202

 92, 59.256,
141.302


 96, 27.752,
142.984

 91, 74.145,
140.290

 98, 11.803,
143.662

 90, 87.856,
139.197

100, 0.155,
322.448

 89, 99.809,
138.099

■ 88, 109.344,
137.116

■ 88, 115.855,
136.399

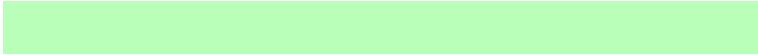
■ 88, 119.117,
136.045

■ 88, 119.630,
135.977

Harmonies

Complementary

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



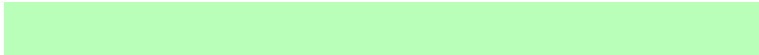
94, 43.664, 142.202



83, 43.700, 325.542

Rectangle

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



94, 43.664, 142.202



94, 43.664, 192.202



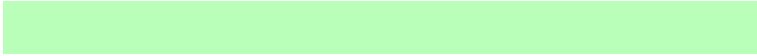
94, 43.664, 322.202



94, 43.664, 12.202

Sweetspot

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



94, 43.666, 142.202



98, 12.652, 143.628



98, 34.636, 106.787



52, 9.001, 143.530



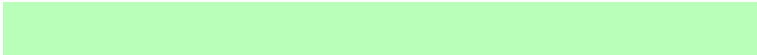
0, 0.000, 0.000



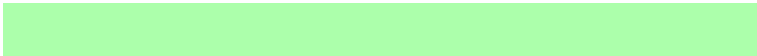
53, 0.007, 296.813

Same Dimension

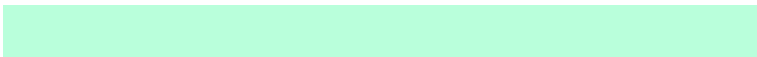
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.666, 142.202



93, 52.385, 141.719



95, 30.659, 160.250



52, 9.001, 143.530



68, 96.400, 135.960



22, 43.708, 136.581

Inverse Universe

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



83, 43.700, 325.542



80, 52.396, 325.830



82, 31.642, 345.261



50, 9.017, 324.561



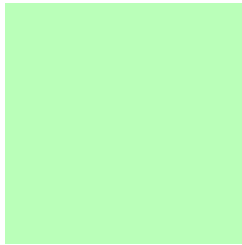
45, 93.138, 327.671



12, 42.845, 327.738

Previews

White Background



This preview shows how the CIE LCh color 94, 43.664, 142.202 looks on a white background.

Color Contrast Check

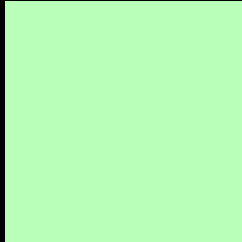
Large Text (above 18pt) WCAG AA × Fail

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, 43.664, 142.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

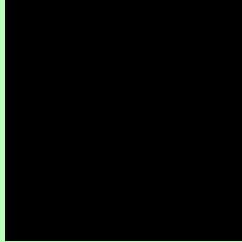
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 43.664, 142.202

Background



This preview shows how black text looks on a background with the CIELCh color 94, 43.664, 142.202.

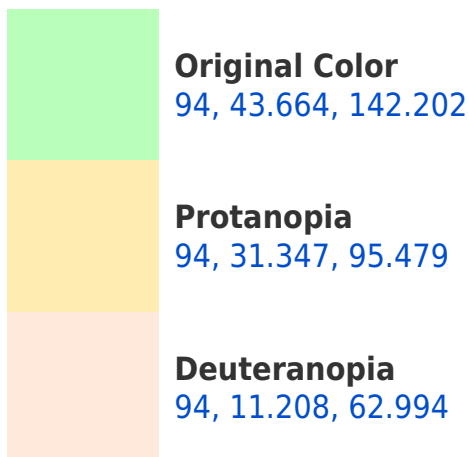


This preview shows how white text looks on a background with the CIELCh color 94, 43.664, 142.202.

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



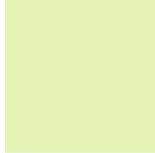


Tritanopia
94, 11.364, 235.181

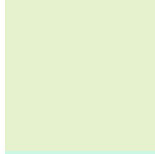
Trichromacy



Original Color
94, 43.664, 142.202



Protanomaly
93, 32.485, 117.126



Deuteranomaly
94, 18.395, 121.521

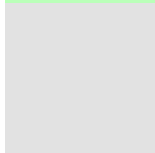


Tritanomaly
94, 17.701, 166.702

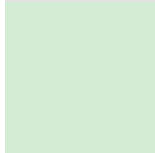
Monochromacy



Original Color
94, 43.664, 142.202



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 15.836, 143.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 43.664, 142.202 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, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 185)  
}
```

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, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 43.664, 142.202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

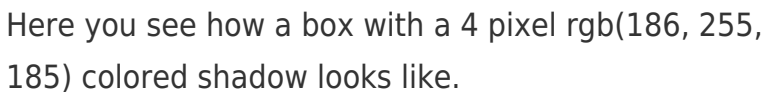
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 255, 185) }
```

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

```
.border{ border-color:rgb(186, 255, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 43.664, 142.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 185) }
```

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

```
.background{ background-color: rgb(186,  
255, 185) }
```

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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