

Converting Colors

CIELCh(100, 54.587, 141.381)

Have a look what the booklet for
CIELCh(100, 54.587, 141.381)
contains.

CIELCh(94, 42.640, 141.526)	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, 42.640, 141.526)

Conversions

Conversions Part 1

Format	Color
Hex	BCFEB9
RGB	188, 254, 185
RGB Percent	74%, 100%, 73%
CMY	0.2617, 0.0030, 0.2734
CMYK	0.26, 0.00, 0.27, 0.00
HSL	117°, 98%, 86%
HSV	117°, 27%, 100%
XYZ	65.1061, 85.2715, 59.0802
YIQ	226.4000, -17.1870, -35.4510

Conversions

Conversions Part 2

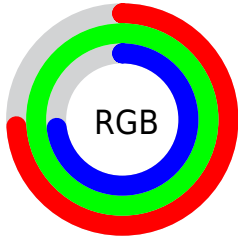
Format	Color
RYB	185, 254, 251
Decimal	12385977
CIELab	94.00, -33.38, 26.53
CIELCh	94, 42.640, 141.526
Yxy	85.2715, 0.3108, 0.4071
Android (android.graphics.Color)	4290576057 (0xFFBCFEB9)
YUV	226.4000, -20.4102, -33.6768
Hunter-Lab	92.3426, -35.7482, 26.7064

Details

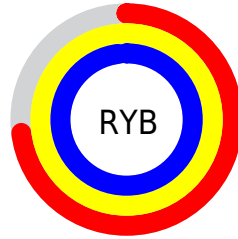
The CIELCh color **94, 42.640, 141.526** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 42.742, 324.690**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.969, 135.978**, and **74, 42.473, 141.737** is the 20% darker color. If you saturate the color by 10%, you get **92, 58.100, 140.676**, and if you desaturate by 10%, it is **96, 26.894, 142.269**.

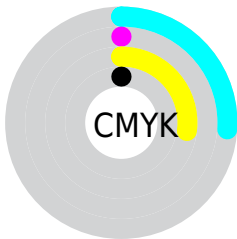
Distribution



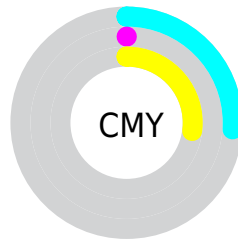
- Red (74%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (98%)



- Cyan (26%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 42.640, 141.526 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, 42.640, 141.526 by changing the saturation by 10% instead.


 94, 42.640,
141.526


 94, 42.640,
141.526


 100, 42.640,
141.526


 84, 42.640,
141.526

 74, 42.640,
141.526

 64, 42.640,
141.526

 54, 42.640,
141.526

 44, 42.640,
141.526

 34, 42.640,
141.526

 24, 42.640,

141.526

■ 14, 42.640,
141.526

■ 4, 42.640, 141.526

■ 94, 42.640,
141.526

■ 94, 42.640,
141.526

■ 92, 58.100,
140.676

■ 96, 26.894,
142.269

■ 91, 72.913,
139.726

■ 98, 11.126,
142.917

■ 90, 86.623,
138.710

100, 0.482,
323.816

■ 89, 98.666,
137.700

■ 88, 108.385,
136.816

■ 88, 115.154,
136.203

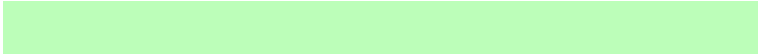
■ 88, 118.694,
135.955

■ 88, 119.309,
135.896

Harmonies

Complementary

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



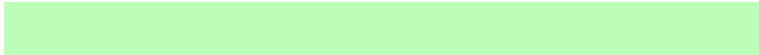
94, 42.640, 141.526



83, 42.742, 324.690

Rectangle

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



94, 42.640, 141.526



94, 42.640, 191.526



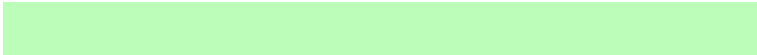
94, 42.640, 321.526



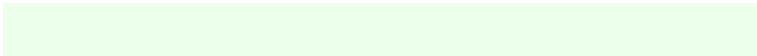
94, 42.640, 11.526

Sweetspot

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



94, 42.642, 141.526



98, 12.533, 142.863



97, 33.082, 105.332



52, 8.916, 142.769



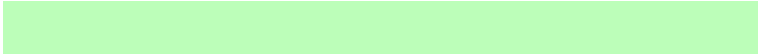
0, 0.000, 0.000



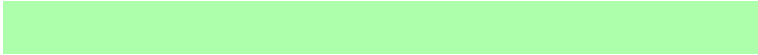
53, 0.007, 296.813

Same Dimension

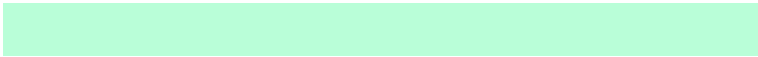
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 42.642, 141.526



93, 51.906, 141.039



94, 31.025, 158.631



52, 8.916, 142.769



68, 96.247, 135.844



23, 43.470, 136.180

Inverse Universe

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



83, 42.742, 324.690



80, 52.016, 324.986



83, 31.846, 343.416



50, 8.936, 323.761



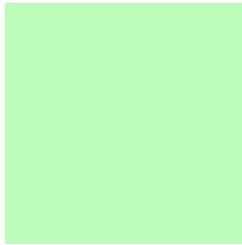
44, 93.287, 326.529



12, 42.903, 326.732

Previews

White Background



This preview shows how the CIE LCh color 94, 42.640, 141.526 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, 42.640, 141.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

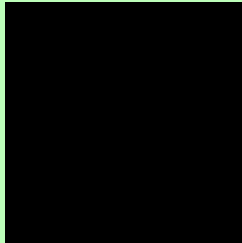
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 42.640, 141.526

Background



This preview shows how black text looks on a background with the CIELCh color 94, 42.640, 141.526.

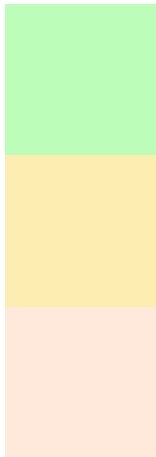


This preview shows how white text looks on a background with the CIELCh color 94, 42.640, 141.526.

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, 42.671, 141.518

Protanopia
94, 31.347, 95.479

Deuteranopia
94, 11.208, 62.994

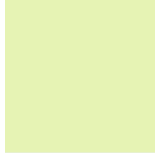


Tritanopia
94, 11.105, 236.177

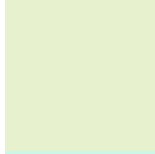
Trichromacy



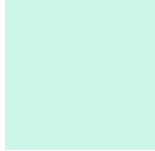
Original Color
94, 42.671, 141.518



Protanomaly
94, 32.419, 116.468



Deuteranomaly
94, 18.311, 120.408

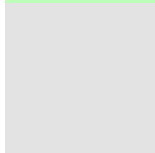


Tritanomaly
94, 16.561, 168.493

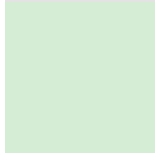
Monochromacy



Original Color
94, 42.671, 141.518



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 15.617, 142.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 42.640, 141.526 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(188, 254, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 254, 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(188, 254, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 254, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 42.640, 141.526 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(188, 254, 185) }
```

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

```
.border{ border-color:rgb(188, 254, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 254, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 254, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 254, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 254,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 42.640, 141.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 254, 185) }
```

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

```
.background{ background-color: rgb(188,  
254, 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](#).

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