

Converting Colors

CIELCh(100, 55.931, 140.397)

Have a look what the booklet for
CIELCh(100, 55.931, 140.397)
contains.

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Color

CIELCh(94, 43.724, 140.085)

Conversions

Conversions Part 1

Format	Color
Hex	BDFEB6
RGB	189, 254, 182
RGB Percent	74%, 100%, 71%
CMY	0.2578, 0.0030, 0.2852
CMYK	0.26, 0.00, 0.28, 0.00
HSL	114°, 98%, 86%
HSV	114°, 28%, 100%
XYZ	65.0380, 85.2715, 57.4369
YIQ	226.3570, -15.6280, -36.1720

Conversions

Conversions Part 2

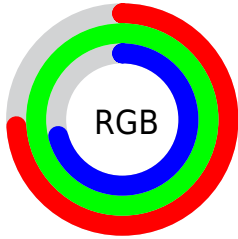
Format	Color
RYB	182, 254, 247
Decimal	12451510
CIELab	94.00, -33.54, 28.06
CIELCh	94, 43.724, 140.085
Yxy	85.2715, 0.3131, 0.4105
Android (android.graphics.Color)	4290641590 (0xFFBDFEB6)
YUV	226.3570, -21.8680, -32.7621
Hunter-Lab	92.3426, -35.8799, 27.7615

Details

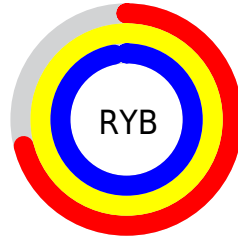
The CIELCh color **94, 43.724, 140.085** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 43.973, 323.179**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 9.226, 129.818**, and **74, 43.591, 140.228** is the 20% darker color. If you saturate the color by 10%, you get **92, 58.902, 139.303**, and if you desaturate by 10%, it is **96, 28.260, 140.779**.

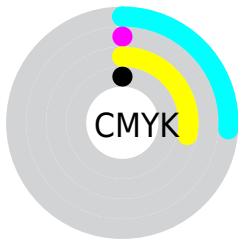
Distribution



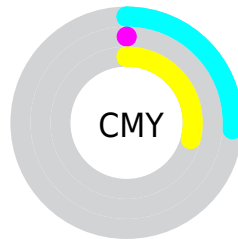
- Red (74%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (97%)



- Cyan (26%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 43.724, 140.085 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, 43.724, 140.085 by changing the saturation by 10% instead.


 94, 43.724,
140.085


 94, 43.724,
140.085

 100, 43.724,
140.085

 84, 43.724,
140.085

 74, 43.724,
140.085

 64, 43.724,
140.085

 54, 43.724,
140.085

 44, 43.724,
140.085

 34, 43.724,
140.085

 24, 43.724,

140.085

■ 14, 43.724,
140.085

■ 4, 43.724, 140.085

■ 94, 43.724,
140.085

■ 94, 43.724,
140.085

■ 92, 58.902,
139.303

■ 96, 28.260,
140.779

■ 91, 73.450,
138.447

■ 98, 12.757,
141.389

■ 90, 86.929,
137.558

100, 0.483,
323.818

■ 89, 98.779,
136.717

■ 88, 108.342,
136.045

■ 88, 114.995,
135.682

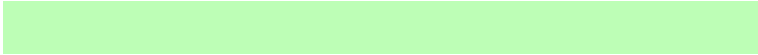
■ 88, 118.532,
135.677

■ 88, 118.945,
135.674

Harmonies

Complementary

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



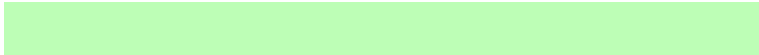
94, 43.724, 140.085



82, 43.973, 323.179

Rectangle

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



94, 43.724, 140.085



94, 43.724, 190.085



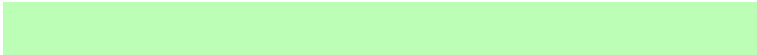
94, 43.724, 320.085



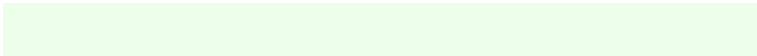
94, 43.724, 10.085

Sweetspot

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



94, 43.726, 140.086



98, 12.318, 141.406



96, 32.886, 102.769



52, 8.763, 141.319



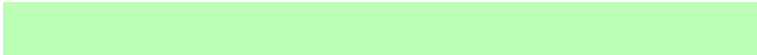
0, 0.000, 0.000



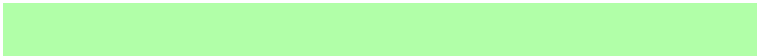
53, 0.007, 296.813

Same Dimension

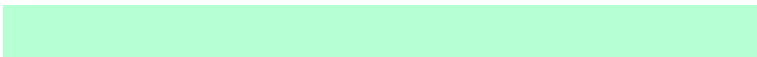
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.726, 140.086



93, 52.553, 139.650



94, 33.644, 156.173



52, 8.763, 141.319



68, 95.906, 135.585



23, 43.044, 135.437

Inverse Universe

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



82, 43.973, 323.179



79, 52.873, 323.447



82, 34.336, 340.965



50, 8.792, 322.246



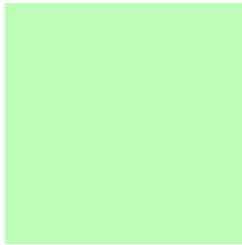
42, 93.685, 324.460



11, 43.054, 324.904

Previews

White Background



This preview shows how the CIE LCh color 94, 43.724, 140.085 looks on a white background.

Color Contrast Check

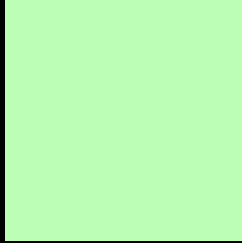
Large Text (above 18pt) WCAG AA × Fail

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, 43.724, 140.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

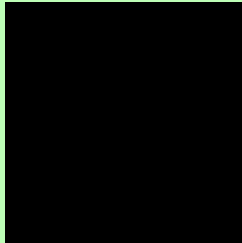
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

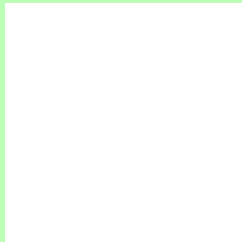
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 43.724, 140.085

Background



This preview shows how black text looks on a background with the CIELCh color 94, 43.724, 140.085.



This preview shows how white text looks on a background with the CIELCh color 94, 43.724, 140.085.

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



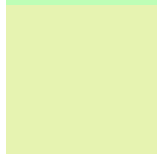


Tritanopia
94, 11.105, 236.177

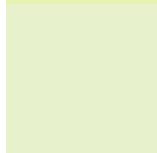
Trichromacy



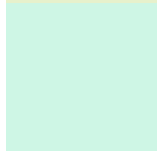
Original Color
94, 43.756, 140.077



Protanomaly
93, 33.900, 115.992



Deuteranomaly
94, 19.310, 119.750

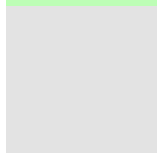


Tritanomaly
94, 16.564, 166.441

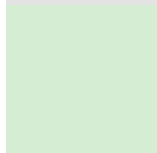
Monochromacy



Original Color
94, 43.756, 140.077



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 16.052, 141.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 43.724, 140.085 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(189, 254, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 254, 182)  
}
```

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(189, 254, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 254, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 43.724, 140.085 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(189, 254, 182) }
```

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

```
.border{ border-color:rgb(189, 254, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 254, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 254, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 254, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 254,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 43.724, 140.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 254, 182) }
```

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

```
.background{ background-color: rgb(189,  
254, 182) }
```

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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