

Converting Colors

CIELCh(94, 41.393, 147.071)

Have a look what the booklet for
CIELCh(94, 41.393, 147.071)
contains.

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Color

CIELCh(94, 41.393, 147.071)

Conversions

Conversions Part 1

Format	Color
Hex	B5FFC1
RGB	181, 255, 193
RGB Percent	71%, 100%, 76%
CMY	0.2898, 0.0000, 0.2428
CMYK	0.29, 0.00, 0.24, 0.00
HSL	130°, 100%, 86%
HSV	130°, 29%, 100%
XYZ	64.5050, 85.2715, 63.5653
YIQ	225.8060, -24.2020, -34.9700

Conversions

Conversions Part 2

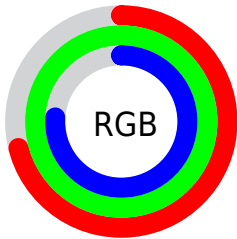
Format	Color
RYB	181, 245, 255
Decimal	11927489
CIELab	94.00, -34.74, 22.50
CIElCh	94, 41.393, 147.071
Yxy	85.2715, 0.3024, 0.3997
Android (android.graphics.Color)	4290117569 (0xFFB5FFC1)
YUV	225.8060, -16.1734, -39.2949
Hunter-Lab	92.3426, -36.9101, 23.8267

Details

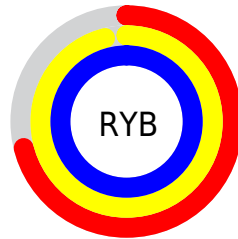
The CIELCh color **94, 41.393, 147.071** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 41.450, 331.052**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.452, 175.842**, and **74, 41.551, 146.992** is the 20% darker color. If you saturate the color by 10%, you get **92, 55.301, 146.075**, and if you desaturate by 10%, it is **96, 27.072, 147.948**.

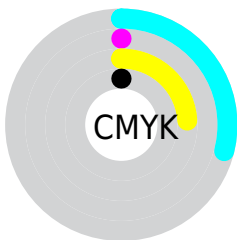
Distribution



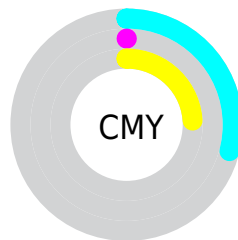
- Red (71%)
- Green (100%)
- Blue (76%)



- Red (71%)
- Yellow (96%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 41.393, 147.071 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, 41.393, 147.071 by changing the saturation by 10% instead.


 94, 41.393,
147.071


 94, 41.393,
147.071


 100, 41.393,
147.071


 84, 41.393,
147.071

 74, 41.393,
147.071

 64, 41.393,
147.071

 54, 41.393,
147.071

 44, 41.393,
147.071

 34, 41.393,
147.071

 24, 41.393,

147.071

■ 14, 41.393,
147.071

■ 4, 41.393, 147.071

■ 94, 41.393,
147.071

■ 94, 41.393,
147.071

■ 92, 55.301,
146.075

■ 96, 27.072,
147.948

■ 91, 68.684,
144.916

■ 98, 12.752,
148.702

■ 90, 81.151,
143.600

100, 0.012,
296.813

■ 89, 92.348,
142.144

■ 88, 101.916,
140.599

■ 88, 109.527,
139.056

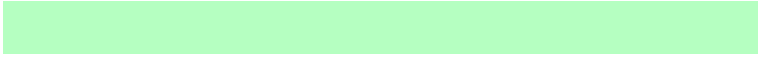
■ 88, 114.964,
137.667

■ 88, 115.409,
137.552

Harmonies

Complementary

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



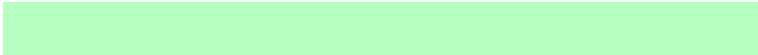
94, 41.393, 147.071



82, 41.450, 331.052

Rectangle

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



94, 41.393, 147.071



94, 41.393, 197.071



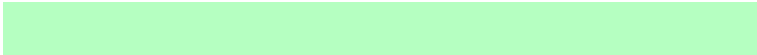
94, 41.393, 327.071



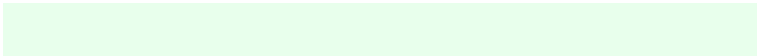
94, 41.393, 17.071

Sweetspot

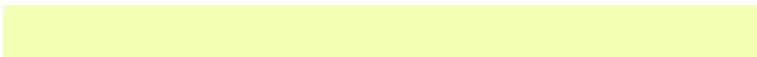
The Sweet Spot groups the original color and five complimentary colors.



94, 41.334, 147.081



98, 12.777, 148.701



98, 37.382, 113.870



52, 8.887, 148.596



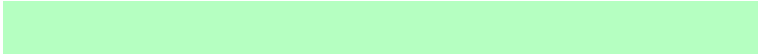
0, 0.000, 0.000



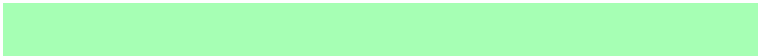
53, 0.007, 296.813

Same Dimension

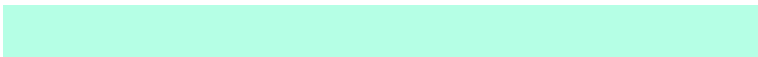
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 41.334, 147.081



93, 49.792, 146.493



95, 28.441, 169.710



52, 8.074, 148.665



68, 92.410, 137.797



23, 40.308, 140.056

Inverse Universe

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



82, 41.450, 331.052



79, 49.891, 331.445



81, 30.543, 355.720



50, 8.095, 329.800



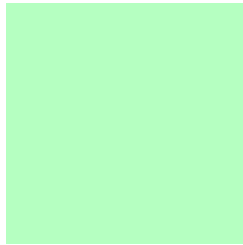
44, 81.977, 335.973



12, 38.284, 334.892

Previews

White Background



This preview shows how the CIE LCh color 94, 41.393, 147.071 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, 41.393, 147.071 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, 41.393, 147.071

Background



This preview shows how black text looks on a background with the CIELCh color 94, 41.393, 147.071.

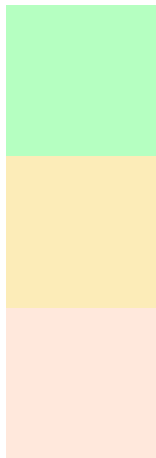


This preview shows how white text looks on a background with the CIELCh color 94, 41.393, 147.071.

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](#).

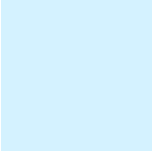
Dichromacy



Original Color
94, 41.393, 147.071

Protanopia
94, 27.319, 94.929

Deuteranopia
94, 10.486, 55.693

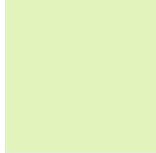


Tritanopia
94, 11.889, 233.325

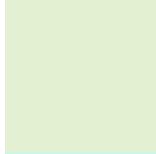
Trichromacy



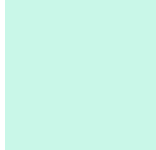
Original Color
94, 41.393, 147.071



Protanomaly
93, 29.271, 120.600

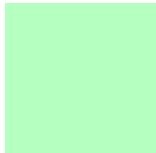


Deuteranomaly
93, 16.030, 124.886

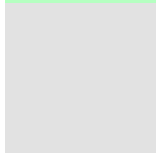


Tritanomaly
94, 17.741, 172.423

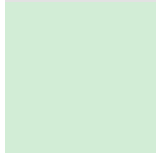
Monochromacy



Original Color
94, 41.393, 147.071



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 15.420, 148.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 41.393, 147.071 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(181, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 193)  
}
```

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(181, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 41.393, 147.071 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(181, 255, 193) }
```

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

```
.border{ border-color:rgb(181, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 41.393, 147.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 193) }
```

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

```
.background{ background-color: rgb(181,  
255, 193) }
```

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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