

Converting Colors

CIELCh(94, 47.541, 139.826)

Have a look what the booklet for
CIELCh(94, 47.541, 139.826)
contains.

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Color

CIELCh(94, 47.260, 139.773)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFB1
RGB	185, 255, 177
RGB Percent	73%, 100%, 69%
CMY	0.2733, 0.0000, 0.3047
CMYK	0.27, 0.00, 0.30, 0.00
HSL	114°, 100%, 85%
HSV	114°, 30%, 100%
XYZ	63.9168, 85.2715, 54.8476
YIQ	225.1780, -16.6820, -39.0980

Conversions

Conversions Part 2

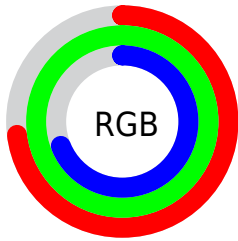
Format	Color
RYB	177, 255, 247
Decimal	12189617
CIELab	94.00, -36.08, 30.52
CIELCh	94, 47.260, 139.773
Yxy	85.2715, 0.3133, 0.4179
Android (android.graphics.Color)	4290379697 (0xFFB9FFB1)
YUV	225.1780, -23.7518, -35.2361
Hunter-Lab	92.3426, -38.0471, 29.4241

Details

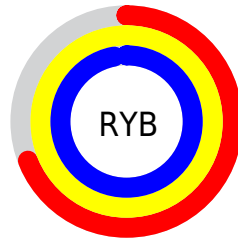
The CIELCh color **94, 47.260, 139.773** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **81, 47.361, 323.103**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.133, 131.827**, and **74, 47.199, 139.811** is the 20% darker color. If you saturate the color by 10%, you get **92, 62.149, 138.978**, and if you desaturate by 10%, it is **96, 31.630, 140.475**.

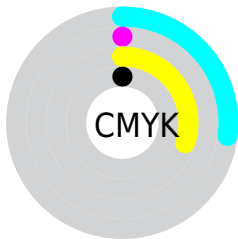
Distribution



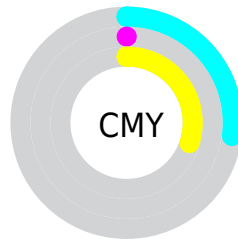
- Red (73%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 47.260, 139.773 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, 47.260, 139.773 by changing the saturation by 10% instead.

 94, 47.260,
139.773

 94, 47.260,
139.773


 100, 47.260,
139.773


 84, 47.260,
139.773

 74, 47.260,
139.773

 64, 47.260,
139.773

 54, 47.260,
139.773

 44, 47.260,
139.773

 34, 47.260,
139.773

 24, 47.260,

139.773

■ 14, 47.260,
139.773

■ 4, 47.260, 139.773

■ 94, 47.260,
139.773

■ 94, 47.260,
139.773

■ 92, 62.149,
138.978

■ 96, 31.630,
140.475

■ 91, 76.524,
138.121

■ 98, 16.110,
141.096

■ 90, 89.726,
137.249

100, 0.702,
142.004

■ 89, 101.169,
136.451

100, 0.012,
296.813

■ 88, 110.187,
135.856

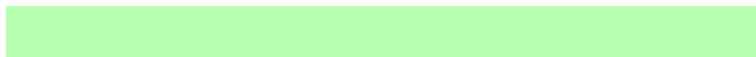
■ 88, 116.195,
135.596

■ 88, 119.162,
135.641

Harmonies

Complementary

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



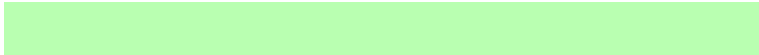
94, 47.260, 139.773



81, 47.361, 323.103

Rectangle

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



94, 47.260, 139.773



94, 47.260, 189.773



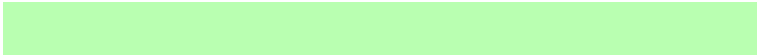
94, 47.260, 319.773



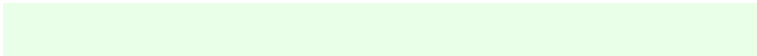
94, 47.260, 9.773

Sweetspot

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



94, 47.065, 139.769



98, 13.841, 141.181



96, 34.898, 101.657



52, 9.627, 141.097



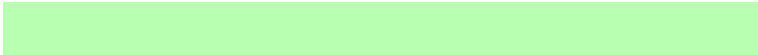
0, 0.000, 0.000



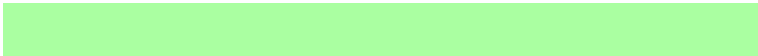
53, 0.007, 296.813

Same Dimension

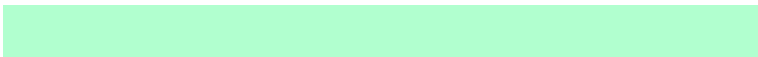
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 47.065, 139.769



93, 56.981, 139.261



94, 36.737, 155.207



52, 8.746, 141.152



68, 95.857, 135.548



23, 42.997, 135.354

Inverse Universe

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



81, 47.361, 323.103



77, 57.364, 323.402



81, 37.458, 340.349



50, 8.776, 322.072



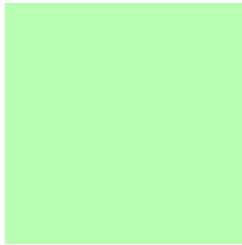
42, 93.739, 324.231



11, 43.074, 324.701

Previews

White Background



This preview shows how the CIE LCh color 94, 47.260, 139.773 looks on a white background.

Color Contrast Check

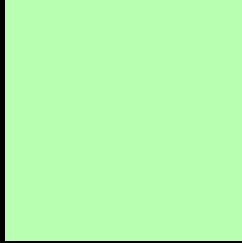
Large Text (above 18pt) WCAG AA × Fail

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, 47.260, 139.773 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, 47.260, 139.773

Background



This preview shows how black text looks on a background with the CIELCh color 94, 47.260, 139.773.

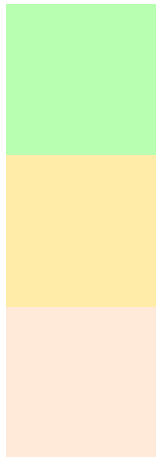


This preview shows how white text looks on a background with the CIELCh color 94, 47.260, 139.773.

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, 47.260, 139.773

Protanopia

94, 35.000, 95.040

Deuteranopia

94, 11.958, 66.420

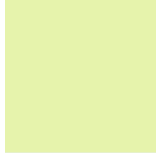


Tritanopia
94, 11.625, 234.231

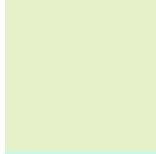
Trichromacy



Original Color
94, 47.260, 139.773



Protanomaly
93, 36.363, 115.264

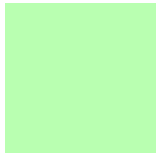


Deuteranomaly
93, 20.386, 120.163

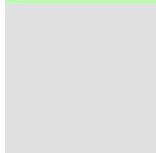


Tritanomaly
94, 18.590, 164.584

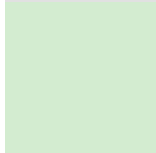
Monochromacy



Original Color
94, 47.260, 139.773



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 17.143, 140.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 47.260, 139.773 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(185, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 177)  
}
```

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(185, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 47.260, 139.773 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(185, 255, 177) }
```

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

```
.border{ border-color:rgb(185, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 47.260, 139.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 177) }
```

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

```
.background{ background-color: rgb(185,  
255, 177) }
```

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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