

Converting Colors

CIELCh(100, 66.452, 136.345)

Have a look what the booklet for
CIELCh(100, 66.452, 136.345)
contains.

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Color

CIELCh(94, 53.542, 135.156)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFA3
RGB	187, 255, 163
RGB Percent	73%, 100%, 64%
CMY	0.2672, 0.0000, 0.3615
CMYK	0.27, 0.00, 0.36, 0.00
HSL	104°, 100%, 82%
HSV	104°, 36%, 100%
XYZ	63.0973, 85.2715, 47.7013
YIQ	224.1800, -10.9960, -43.0280

Conversions

Conversions Part 2

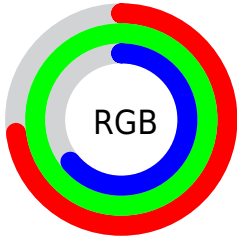
Format	Color
RYB	163, 255, 231
Decimal	12320675
CIELab	94.00, -37.96, 37.76
CIELCh	94, 53.542, 135.156
Yxy	85.2715, 0.3218, 0.4349
Android (android.graphics.Color)	4290510755 (0xFFBBFFA3)
YUV	224.1800, -30.1617, -32.6069
Hunter-Lab	92.3426, -39.6312, 34.0124

Details

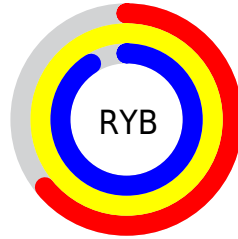
The CIELCh color **94, 53.542, 135.156** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **76, 54.245, 318.530**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 18.613, 120.119**, and **74, 52.976, 134.935** is the 20% darker color. If you saturate the color by 10%, you get **92, 67.160, 134.492**, and if you desaturate by 10%, it is **95, 38.471, 135.683**.

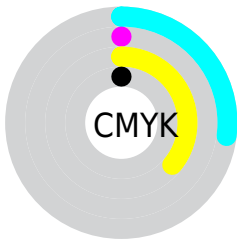
Distribution



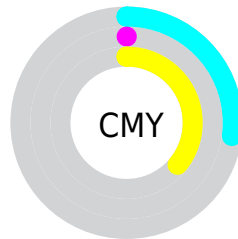
- Red (73%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 53.542, 135.156 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, 53.542, 135.156 by changing the saturation by 10% instead.


 94, 53.542,
135.156


 94, 53.542,
135.156


 100, 53.542,
135.156


 84, 53.542,
135.156

 74, 53.542,
135.156

 64, 53.542,
135.156


 54, 53.542,
135.156

 44, 53.542,
135.156


 34, 53.542,
135.156


 24, 53.542,


135.156


 14, 53.542,
135.156


 4, 53.542, 135.156


 94, 53.542,
135.156


 94, 53.542,
135.156

 92, 67.160,
134.492


 95, 38.471,
135.683

 91, 80.506,
133.909

 97, 23.730,
136.224

 90, 92.596,
133.430

 99, 8.990, 136.722

 90, 102.828,
133.170

100, 0.012,
296.813

■ 89,110.559,
133.262

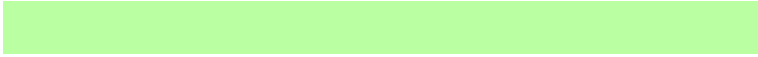
■ 88,115.389,
133.789

■ 88,116.674,
134.040

Harmonies

Complementary

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



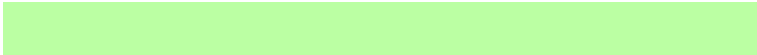
94, 53.542, 135.156



76, 54.245, 318.530

Rectangle

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



94, 53.542, 135.156



94, 53.542, 185.156



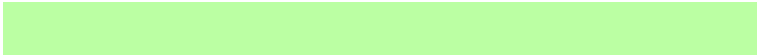
94, 53.542, 315.156



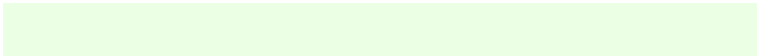
94, 53.542, 5.156

Sweetspot

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



94, 53.032, 135.098



98, 16.135, 136.484



92, 36.022, 91.542



52, 10.848, 136.417



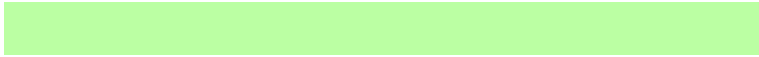
0, 0.000, 0.000



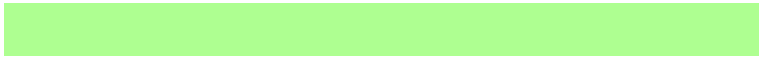
53, 0.007, 296.813

Same Dimension

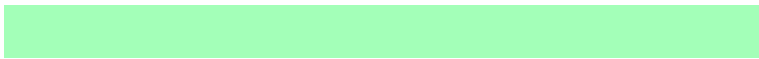
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 53.032, 135.098



93, 62.780, 134.683



93, 48.763, 148.735



52, 8.333, 136.557



68, 93.742, 133.845



23, 41.707, 132.888

Inverse Universe

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



76, 54.245, 318.530



72, 64.452, 318.805



78, 49.040, 334.197



50, 8.393, 317.354



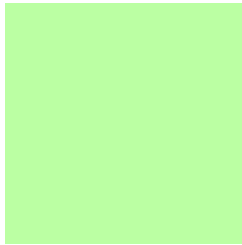
37, 95.787, 318.613



9, 43.838, 319.668

Previews

White Background



This preview shows how the CIE LCh color 94, 53.542, 135.156 looks on a white background.

Color Contrast Check

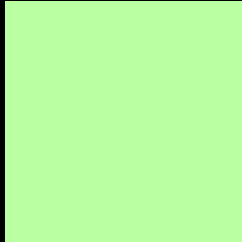
Large Text (above 18pt) WCAG AA × Fail

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, 53.542, 135.156 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, 53.542, 135.156

Background



This preview shows how black text looks on a background with the CIELCh color 94, 53.542, 135.156.

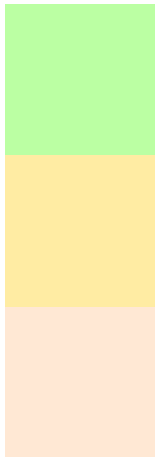


This preview shows how white text looks on a background with the CIELCh color 94, 53.542, 135.156.

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](#).

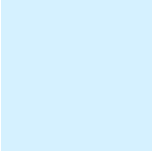
Dichromacy



Original Color
94, 52.932, 135.098

Protanopia
93, 37.944, 95.691

Deuteranopia
93, 13.408, 69.518

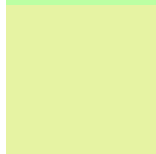


Tritanopia
94, 11.655, 237.354

Trichromacy



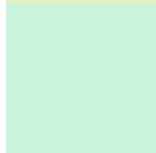
Original Color
94, 52.932, 135.098



Protanomaly
93, 40.769, 114.120



Deuteranomaly
93, 23.830, 117.385

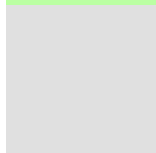


Tritanomaly
93, 19.996, 158.092

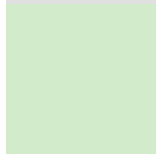
Monochromacy



Original Color
94, 52.932, 135.098



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 19.408, 136.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 53.542, 135.156 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(187, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 163)  
}
```

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(187, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 53.542, 135.156 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(187, 255, 163) }
```

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

```
.border{ border-color:rgb(187, 255, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 255, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 53.542, 135.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 163) }
```

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

```
.background{ background-color: rgb(187,  
255, 163) }
```

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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