

Converting Colors

CIELCh(94, 33.600, 146.949)

Have a look what the booklet for
CIELCh(94, 33.600, 146.949)
contains.

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Color

CIELCh(94, 33.736, 146.735)

Conversions

Conversions Part 1

Format	Color
Hex	C1FCC9
RGB	193, 252, 201
RGB Percent	76%, 99%, 79%
CMY	0.2427, 0.0113, 0.2113
CMYK	0.23, 0.00, 0.20, 0.01
HSL	128°, 91%, 87%
HSV	128°, 23%, 99%
XYZ	67.4261, 85.2715, 68.2347
YIQ	228.5450, -18.7930, -28.3690

Conversions

Conversions Part 2

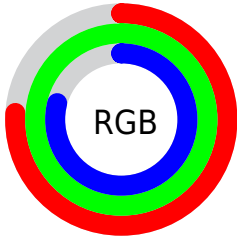
Format	Color
RYB	193, 245, 252
Decimal	12713161
CIELab	94.00, -28.21, 18.50
CIElCh	94, 33.736, 146.735
Yxy	85.2715, 0.3052, 0.3860
Android (android.graphics.Color)	4290903241 (0xFFC1FCC9)
YUV	228.5450, -13.5797, -31.1730
Hunter-Lab	92.3426, -31.2636, 20.8287

Details

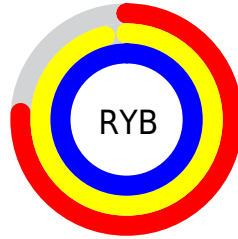
The CIELCh color **94, 33.736, 146.735** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 33.814, 329.786**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **74, 33.640, 146.958** is the 20% darker color. If you saturate the color by 10%, you get **92, 48.047, 145.820**, and if you desaturate by 10%, it is **96, 19.271, 147.524**.

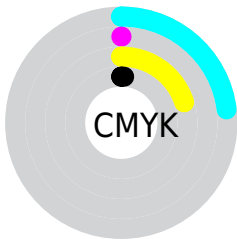
Distribution



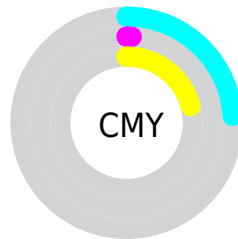
- Red (76%)
- Green (99%)
- Blue (79%)



- Red (76%)
- Yellow (96%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)





- Cyan (24%)
- Magenta (1%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.736, 146.735 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, 33.736, 146.735 by changing the saturation by 10% instead.


 94, 33.736,
146.735


 94, 33.736,
146.735


 100, 33.736,
146.735


 84, 33.736,
146.735

 74, 33.736,
146.735

 64, 33.736,
146.735


 54, 33.736,
146.735

 44, 33.736,
146.735


 34, 33.736,
146.735


 24, 33.736,

146.735


 14, 33.736,
146.735


 4, 33.736, 146.735

 94, 33.736,
146.735


 94, 33.736,
146.735

 92, 48.047,
145.820


 96, 19.271,
147.524

 91, 61.929,
144.762

 98, 4.856, 148.245

 90, 75.061,
143.552

 99, 1.793, 324.332

 89, 87.077,
142.202

■ 88, 97.589,
140.750

■ 87, 106.206,
139.275

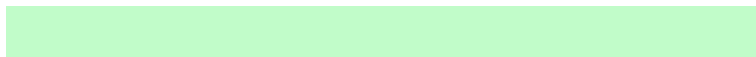
■ 87, 112.589,
137.900

■ 87, 115.526,
137.153

Harmonies

Complementary

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



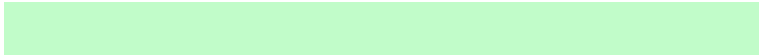
94, 33.736, 146.735



85, 33.814, 329.786

Rectangle

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



94, 33.736, 146.735



94, 33.736, 196.735



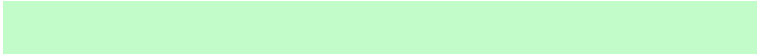
94, 33.736, 326.735



94, 33.736, 16.735

Sweetspot

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



94, 33.738, 146.735



98, 10.114, 147.980



97, 29.967, 113.592



52, 6.575, 147.937



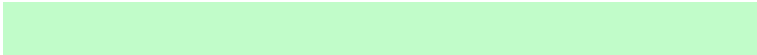
0, 0.000, 0.000



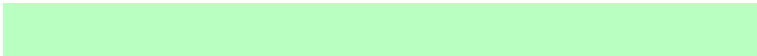
53, 0.007, 296.813

Same Dimension

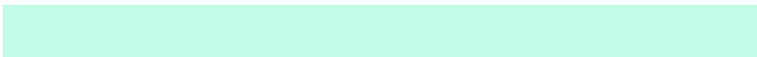
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 33.738, 146.735



94, 40.720, 146.330



95, 23.199, 169.259



51, 8.095, 147.805



67, 92.426, 137.373



21, 39.625, 139.700

Inverse Universe

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



85, 33.814, 329.786



83, 40.803, 330.074



84, 24.471, 353.895



49, 8.114, 328.919



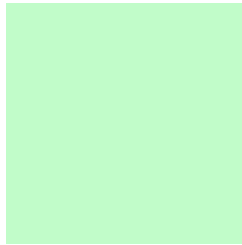
43, 82.863, 334.495



11, 37.992, 333.601

Previews

White Background



This preview shows how the CIE LCh color 94, 33.736, 146.735 looks on a white background.

Color Contrast Check

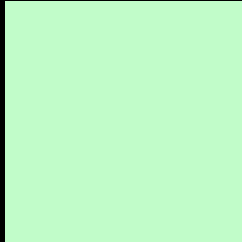
Large Text (above 18pt) WCAG AA × Fail

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, 33.736, 146.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

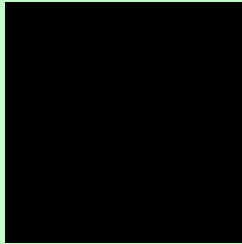
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

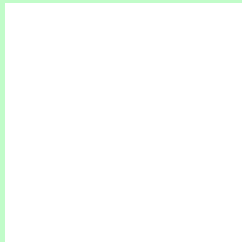
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 33.736, 146.735

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.736, 146.735.

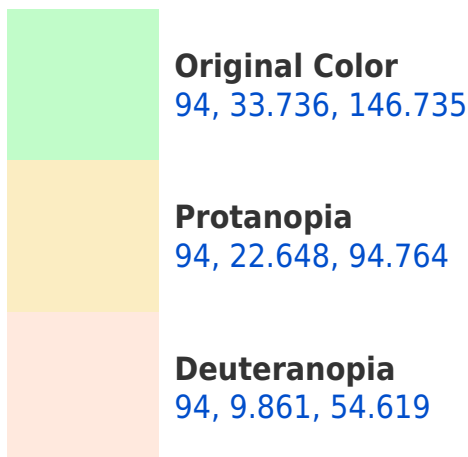


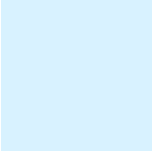
This preview shows how white text looks on a background with the CIELCh color 94, 33.736, 146.735.

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



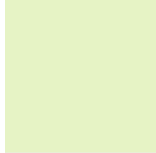


Tritanopia
94, 10.849, 237.222

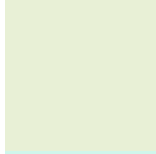
Trichromacy



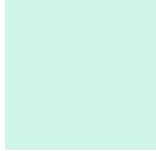
Original Color
94, 33.736, 146.735



Protanomaly
94, 23.994, 120.017

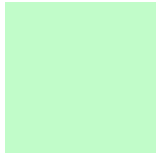


Deuteranomaly
94, 13.664, 121.481

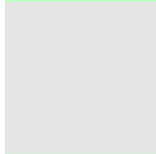


Tritanomaly
94, 14.376, 175.269

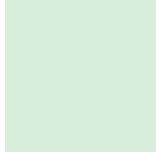
Monochromacy



Original Color
94, 33.736, 146.735



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 12.019, 148.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.736, 146.735 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(193, 252, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 252, 201)  
}
```

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(193, 252, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 252, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.736, 146.735 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(193, 252, 201) }
```

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

```
.border{ border-color:rgb(193, 252, 201) }
```

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

Here you see how a box with a 4 pixel rgb(193, 252, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 252, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 252, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 252,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.736, 146.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 252, 201) }
```

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

```
.background{ background-color: rgb(193,  
252, 201) }
```

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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