

Converting Colors

CIELCh(94, 33.578, 142.257)

Have a look what the booklet for
CIELCh(94, 33.578, 142.257)
contains.

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Color

CIElCh(94, 33.542, 142.114)

Conversions

Conversions Part 1

Format	Color
Hex	C7FBC5
RGB	199, 251, 197
RGB Percent	78%, 98%, 77%
CMY	0.2191, 0.0152, 0.2270
CMYK	0.21, 0.00, 0.22, 0.02
HSL	118°, 87%, 88%
HSV	118°, 22%, 98%
XYZ	68.2164, 85.2715, 65.7615
YIQ	229.2960, -13.6580, -27.8180

Conversions

Conversions Part 2

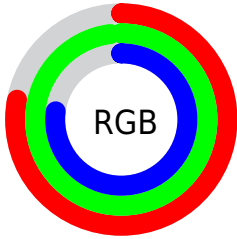
Format	Color
RYB	197, 251, 249
Decimal	13106117
CIELab	94.00, -26.47, 20.60
CIElCh	94, 33.542, 142.114
Yxy	85.2715, 0.3111, 0.3889
Android (android.graphics.Color)	4291296197 (0xFFC7FBC5)
YUV	229.2960, -15.9219, -26.5696
Hunter-Lab	92.3426, -29.7358, 22.4166

Details

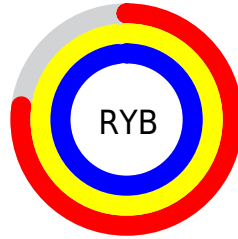
The CIELCh color **94, 33.542, 142.114** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 33.613, 324.576**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **74, 33.442, 142.205** is the 20% darker color. If you saturate the color by 10%, you get **92, 49.077, 141.317**, and if you desaturate by 10%, it is **96, 17.881, 142.806**.

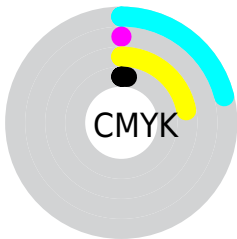
Distribution



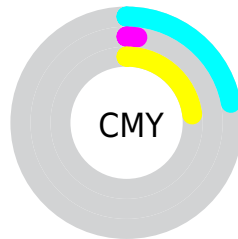
- Red (78%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (98%)
- Blue (98%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)





- Cyan (22%)
- Magenta (2%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.542, 142.114 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, 33.542, 142.114 by changing the saturation by 10% instead.


 94, 33.542,
142.114


 94, 33.542,
142.114


 100, 33.542,
142.114


 84, 33.542,
142.114

 74, 33.542,
142.114

 64, 33.542,
142.114


 54, 33.542,
142.114

 44, 33.542,
142.114


 34, 33.542,
142.114


 24, 33.542,


142.114


 14, 33.542,
142.114


 4, 33.542, 142.114


 94, 33.542,
142.114

 94, 33.542,
142.114


 92, 49.077,
141.317


 96, 17.881,
142.806

 91, 64.176,
140.411

 98, 2.315, 143.499

 99, 2.408, 324.397

 89, 78.442,
139.413

 88, 91.376,
138.372

■ 88, 102.371,
137.379

■ 87, 110.768,
136.573

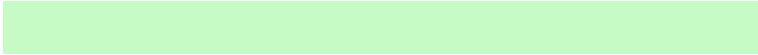
■ 87, 116.048,
136.089

■ 87, 118.229,
135.912

Harmonies

Complementary

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



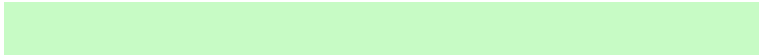
94, 33.542, 142.114



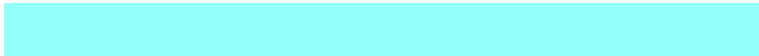
86, 33.613, 324.576

Rectangle

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



94, 33.542, 142.114



94, 33.542, 192.114



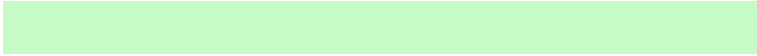
94, 33.542, 322.114



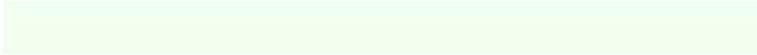
94, 33.542, 12.114

Sweetspot

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



94, 33.544, 142.114



99, 9.403, 143.153



97, 26.026, 105.912



52, 6.240, 143.112



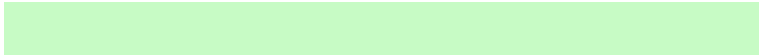
0, 0.000, 0.000



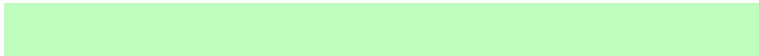
53, 0.007, 296.813

Same Dimension

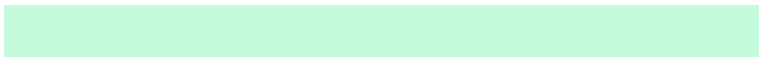
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 33.544, 142.114



94, 41.062, 141.768



94, 24.412, 159.206



51, 8.788, 142.934



67, 95.318, 135.867



21, 42.166, 136.526

Inverse Universe

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



86, 33.613, 324.576



84, 41.146, 324.812



85, 24.932, 342.863



49, 8.806, 323.932



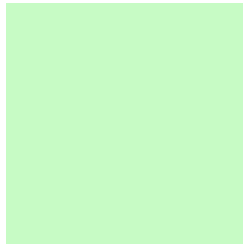
44, 92.323, 326.774



11, 41.760, 326.956

Previews

White Background



This preview shows how the CIE LCh color 94, 33.542, 142.114 looks on a white background.

Color Contrast Check

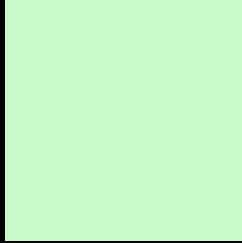
Large Text (above 18pt) WCAG AA × Fail

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, 33.542, 142.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

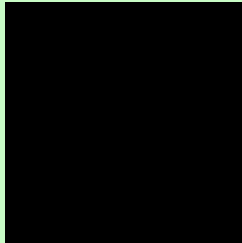
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

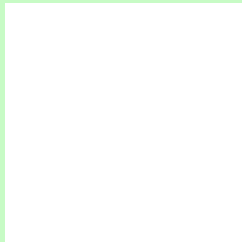
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 33.542, 142.114

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.542, 142.114.

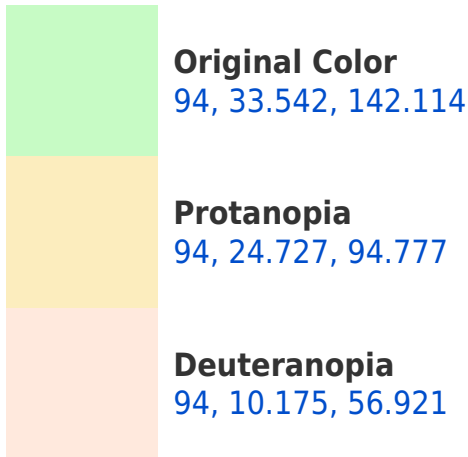


This preview shows how white text looks on a background with the CIELCh color 94, 33.542, 142.114.

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



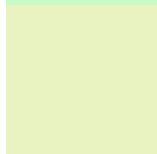


Tritanopia
94, 10.433, 242.937

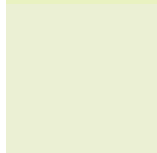
Trichromacy



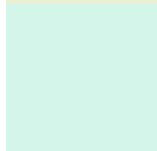
Original Color
94, 33.542, 142.114



Protanomaly
94, 25.235, 115.930



Deuteranomaly
94, 14.469, 116.340

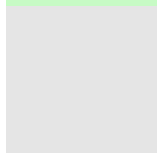


Tritanomaly
94, 13.169, 173.085

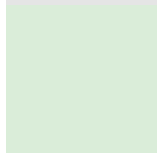
Monochromacy



Original Color
94, 33.542, 142.114



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 12.435, 142.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.542, 142.114 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(199, 251, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 251, 197)  
}
```

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(199, 251, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 251, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.542, 142.114 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(199, 251, 197) }
```

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

```
.border{ border-color:rgb(199, 251, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 251, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 251, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 251, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 251,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.542, 142.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 251, 197) }
```

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

```
.background{ background-color: rgb(199,  
251, 197) }
```

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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