

Converting Colors

CIELCh(94, 46.421, 142.807)

Have a look what the booklet for
CIELCh(94, 46.421, 142.807)
contains.

CIELCh(94, 45.934, 142.757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 45.934, 142.757)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFB7
RGB	182, 255, 183
RGB Percent	71%, 100%, 72%
CMY	0.2876, 0.0000, 0.2837
CMYK	0.29, 0.00, 0.28, 0.00
HSL	121°, 100%, 86%
HSV	121°, 29%, 100%
XYZ	63.7051, 85.2715, 57.7108
YIQ	224.9650, -20.3960, -37.8680

Conversions

Conversions Part 2

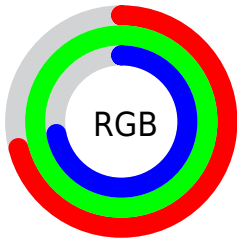
Format	Color
RYB	182, 254, 255
Decimal	11993015
CIELab	94.00, -36.57, 27.80
CIElCh	94, 45.934, 142.757
Yxy	85.2715, 0.3082, 0.4126
Android (android.graphics.Color)	4290183095 (0xFFB6FFB7)
YUV	224.9650, -20.6887, -37.6803
Hunter-Lab	92.3426, -38.4564, 27.5857

Details

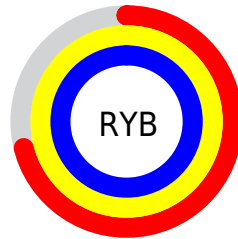
The CIELCh color $94, 45.934, 142.757$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $83, 45.524, 326.385$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $98, 9.955, 144.109$, and $74, 45.192, 142.939$ is the 20% darker color. If you saturate the color by 10%, you get $92, 60.985, 141.834$, and if you desaturate by 10%, it is $96, 29.696, 143.596$.

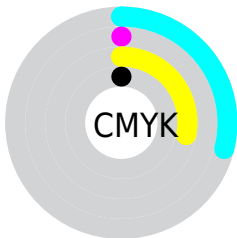
Distribution



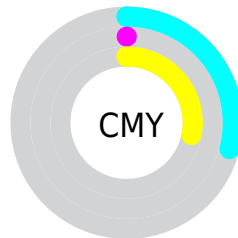
- Red (71%)
- Green (100%)
- Blue (72%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 45.934, 142.757 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, 45.934, 142.757 by changing the saturation by 10% instead.


 94, 45.934,
142.757


 94, 45.934,
142.757


 100, 45.934,
142.757


 84, 45.934,
142.757

 74, 45.934,
142.757

 64, 45.934,
142.757

 54, 45.934,
142.757

 44, 45.934,
142.757

 34, 45.934,
142.757

 24, 45.934,

142.757

■ 14, 45.934,
142.757

■ 4, 45.934, 142.757

■ 94, 45.934,
142.757

■ 94, 45.934,
142.757

■ 92, 60.985,
141.834

■ 96, 29.696,
143.596

■ 91, 75.689,
140.769

■ 98, 13.796,
144.302

■ 90, 89.157,
139.614

100, 0.012,
296.813

■ 89, 100.816,
138.442

■ 88, 110.036,
137.374

■ 88, 116.253,
136.561

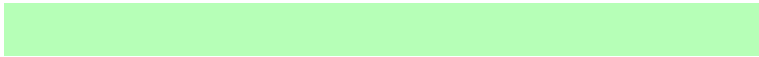
■ 88, 119.316,
136.121

■ 88, 119.566,
136.089

Harmonies

Complementary

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



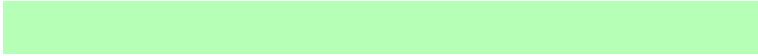
94, 45.934, 142.757



83, 45.524, 326.385

Rectangle

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



94, 45.934, 142.757



94, 45.934, 192.757



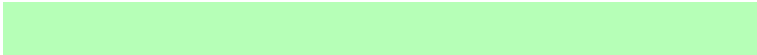
94, 45.934, 322.757



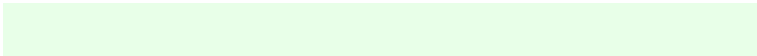
94, 45.934, 12.757

Sweetspot

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



94, 45.525, 142.778



98, 14.181, 144.286



98, 36.825, 107.370



52, 9.864, 144.189



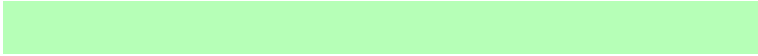
0, 0.000, 0.000



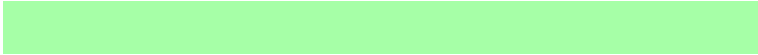
53, 0.007, 296.813

Same Dimension

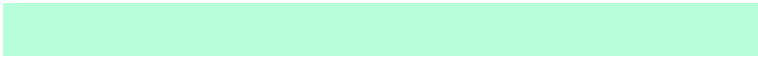
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 45.525, 142.778



93, 55.242, 142.204



95, 31.672, 160.969



52, 8.961, 144.252



68, 96.229, 136.121



22, 43.529, 137.027

Inverse Universe

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



83, 45.524, 326.385



79, 55.186, 326.717



82, 32.829, 346.338



50, 8.975, 325.307



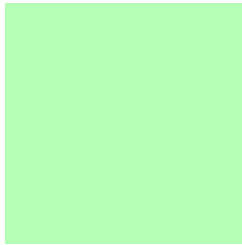
45, 92.108, 328.774



12, 42.428, 328.708

Previews

White Background



This preview shows how the CIELCh color 94, 45.934, 142.757 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, 45.934, 142.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

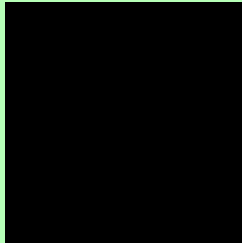
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 45.934, 142.757

Background



This preview shows how black text looks on a background with the CIELCh color 94, 45.934, 142.757.

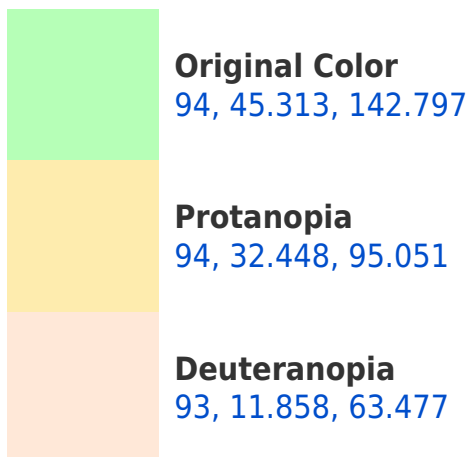


This preview shows how white text looks on a background with the CIELCh color 94, 45.934, 142.757.

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



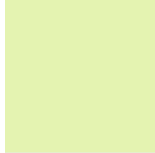


Tritanopia
94, 12.154, 232.459

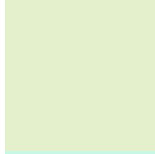
Trichromacy



Original Color
94, 45.313, 142.797



Protanomaly
93, 34.032, 117.252



Deuteranomaly
93, 18.995, 122.229

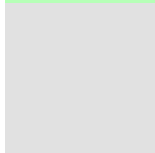


Tritanomaly
94, 18.843, 168.700

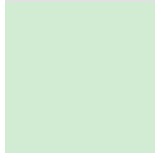
Monochromacy



Original Color
94, 45.313, 142.797



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 16.684, 144.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 45.934, 142.757 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(182, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 183)  
}
```

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(182, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 45.934, 142.757 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(182, 255, 183) }
```

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

```
.border{ border-color:rgb(182, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 45.934, 142.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 183) }
```

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

```
.background{ background-color: rgb(182,  
255, 183) }
```

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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