

Converting Colors

CIELCh(94, 42.888, 149.746)

Have a look what the booklet for
CIELCh(94, 42.888, 149.746)
contains.

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Color

CIELCh(94, 42.125, 150.117)

Conversions

Conversions Part 1

Format	Color
Hex	AFFFC4
RGB	175, 255, 196
RGB Percent	69%, 100%, 77%
CMY	0.3138, 0.0000, 0.2315
CMYK	0.31, 0.00, 0.23, 0.00
HSL	136°, 100%, 84%
HSV	136°, 31%, 100%
XYZ	63.7237, 85.2715, 65.3074
YIQ	224.3540, -28.7410, -35.3090

Conversions

Conversions Part 2

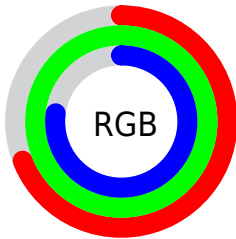
Format	Color
RYB	175, 238, 255
Decimal	11534276
CIELab	94.00, -36.52, 20.99
CIELCh	94, 42.125, 150.117
Yxy	85.2715, 0.2974, 0.3979
Android (android.graphics.Color)	4289724356 (0xFFAFFFC4)
YUV	224.3540, -13.9785, -43.2835
Hunter-Lab	92.3426, -38.4204, 22.7082

Details

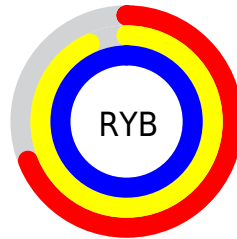
The CIELCh color **94, 42.125, 150.117** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **81, 41.856, 335.004**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.967, 191.613**, and **74, 41.619, 150.198** is the 20% darker color. If you saturate the color by 10%, you get **92, 54.373, 149.177**, and if you desaturate by 10%, it is **95, 28.341, 151.211**.

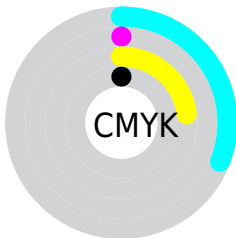
Distribution



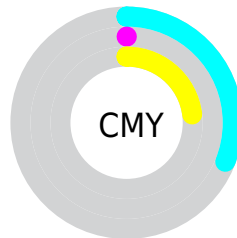
- Red (69%)
- Green (100%)
- Blue (77%)



- Red (69%)
- Yellow (93%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 42.125, 150.117 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, 42.125, 150.117 by changing the saturation by 10% instead.


 94, 42.125,
150.117


 94, 42.125,
150.117


 100, 42.125,
150.117


 84, 42.125,
150.117

 74, 42.125,
150.117

 64, 42.125,
150.117

 54, 42.125,
150.117

 44, 42.125,
150.117

 34, 42.125,
150.117

 24, 42.125,

150.117

■ 14, 42.125,
150.117

■ 4, 42.125, 150.117

■ 94, 42.125,
150.117

■ 94, 42.125,
150.117

■ 92, 54.373,
149.177

■ 95, 28.341,
151.211

■ 91, 66.634,
147.921

■ 97, 15.042,
152.036

■ 90, 78.035,
146.484

■ 100, 1.802,
152.933

■ 89, 88.309,
144.869

■ 100, 0.012,
296.813

■ 88, 97.224,
143.099

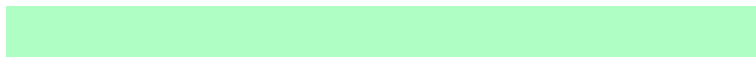
■ 88, 104.608,
141.239

■ 88, 109.727,
139.679

Harmonies

Complementary

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



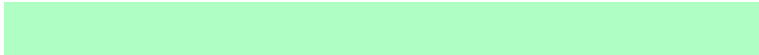
94, 42.125, 150.117



81, 41.856, 335.004

Rectangle

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



94, 42.125, 150.117



94, 42.125, 200.117



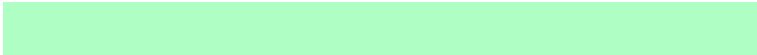
94, 42.125, 330.117



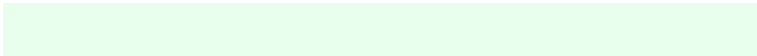
94, 42.125, 20.117

Sweetspot

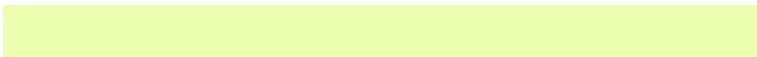
The Sweet Spot groups the original color and five complimentary colors.



94, 41.524, 150.267



98, 11.882, 152.219



97, 40.905, 117.915



52, 8.264, 152.107



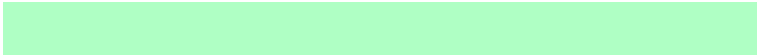
0, 0.000, 0.000



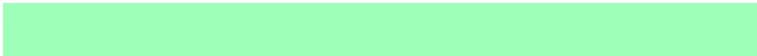
53, 0.007, 296.813

Same Dimension

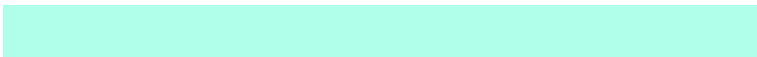
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 41.524, 150.267



93, 50.085, 149.563



95, 28.564, 176.429



52, 7.508, 152.181



68, 87.685, 140.015



23, 37.871, 142.762

Inverse Universe

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



81, 41.856, 335.004



77, 50.469, 335.523



80, 31.970, 3.128



50, 7.541, 333.405



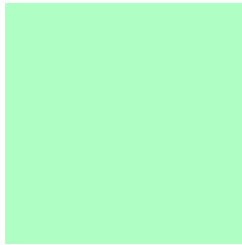
43, 76.197, 342.239



11, 35.840, 340.125

Previews

White Background



This preview shows how the CIE LCh color 94, 42.125, 150.117 looks on a white background.

Color Contrast Check

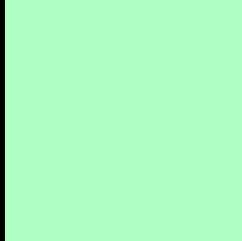
Large Text (above 18pt) WCAG AA × Fail

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, 42.125, 150.117 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, 42.125, 150.117

Background



This preview shows how black text looks on a background with the CIELCh color 94, 42.125, 150.117.

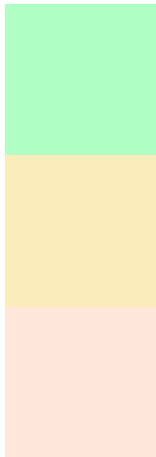


This preview shows how white text looks on a background with the CIELCh color 94, 42.125, 150.117.

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, 41.510, 150.275

Protanopia
93, 25.740, 95.178

Deuteranopia
93, 10.803, 54.534

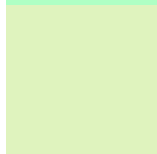


Tritanopia
94, 12.960, 230.084

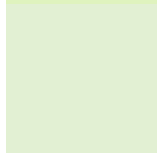
Trichromacy



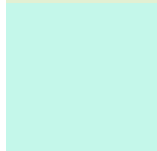
Original Color
94, 41.510, 150.275



Protanomaly
93, 28.096, 123.540



Deuteranomaly
93, 15.772, 127.922

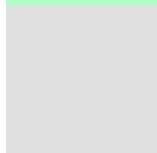


Tritanomaly
94, 18.750, 177.218

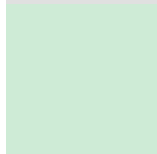
Monochromacy



Original Color
94, 41.510, 150.275



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 15.123, 152.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 42.125, 150.117 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(175, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 196)  
}
```

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(175, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 42.125, 150.117 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(175, 255, 196) }
```

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

```
.border{ border-color:rgb(175, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 42.125, 150.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 196) }
```

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

```
.background{ background-color: rgb(175,  
255, 196) }
```

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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