

Converting Colors

CIELCh(94, 40.410, 148.713)

Have a look what the booklet for
CIELCh(94, 40.410, 148.713)
contains.

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Color

CIELCh(94, 40.404, 148.727)

Conversions

Conversions Part 1

Format	Color
Hex	B4FFC4
RGB	180, 255, 196
RGB Percent	71%, 100%, 77%
CMY	0.2938, 0.0000, 0.2311
CMYK	0.29, 0.00, 0.23, 0.00
HSL	133°, 100%, 85%
HSV	133°, 29%, 100%
XYZ	64.5974, 85.2715, 65.3231
YIQ	225.8490, -25.7610, -34.2490

Conversions

Conversions Part 2

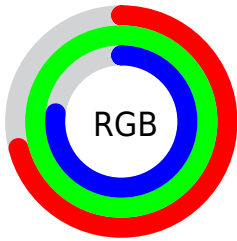
Format	Color
RYB	180, 242, 255
Decimal	11861956
CIELab	94.00, -34.53, 20.97
CIElCh	94, 40.404, 148.727
Yxy	85.2715, 0.3002, 0.3963
Android (android.graphics.Color)	4290052036 (0xFFB4FFC4)
YUV	225.8490, -14.7156, -40.2096
Hunter-Lab	92.3426, -36.7316, 22.6981

Details

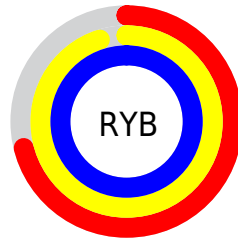
The CIELCh color **94, 40.404, 148.727** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 40.558, 332.939**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.299, 189.788**, and **74, 40.512, 148.700** is the 20% darker color. If you saturate the color by 10%, you get **92, 53.787, 147.702**, and if you desaturate by 10%, it is **96, 26.632, 149.632**.

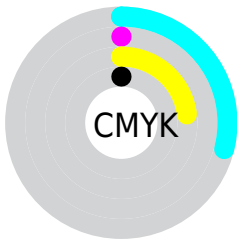
Distribution



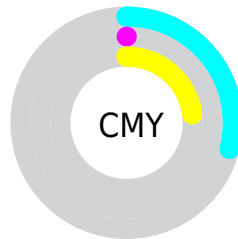
- Red (71%)
- Green (100%)
- Blue (77%)



- Red (71%)
- Yellow (95%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 40.404, 148.727 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, 40.404, 148.727 by changing the saturation by 10% instead.

 94, 40.404,
148.727

 94, 40.404,
148.727

 100, 40.404,
148.727


 84, 40.404,
148.727

 74, 40.404,
148.727

 64, 40.404,
148.727

 54, 40.404,
148.727

 44, 40.404,
148.727

 34, 40.404,
148.727

 24, 40.404,

148.727

■ 14, 40.404,
148.727

■ 4, 40.404, 148.727

■ 94, 40.404,
148.727

■ 94, 40.404,
148.727

■ 92, 53.787,
147.702

■ 96, 26.632,
149.632

■ 91, 66.659,
146.507

■ 98, 12.838,
150.412

■ 90, 78.673,
145.143

100, 0.012,
296.813

■ 89, 89.523,
143.615

■ 88, 98.918,
141.957

■ 88, 106.608,
140.240

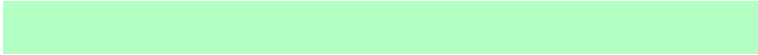
■ 88, 112.458,
138.609

■ 88, 112.769,
138.521

Harmonies

Complementary

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



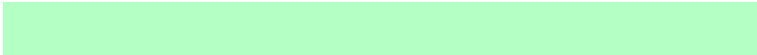
94, 40.404, 148.727



82, 40.558, 332.939

Rectangle

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



94, 40.404, 148.727



94, 40.404, 198.727



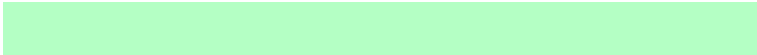
94, 40.404, 328.727



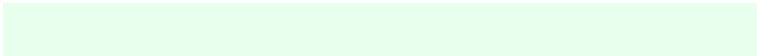
94, 40.404, 18.727

Sweetspot

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



94, 40.356, 148.737



98, 12.313, 150.441



97, 38.093, 115.960



52, 8.564, 150.332



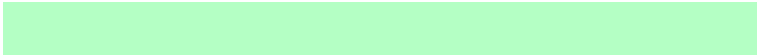
0, 0.000, 0.000



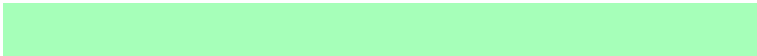
53, 0.007, 296.813

Same Dimension

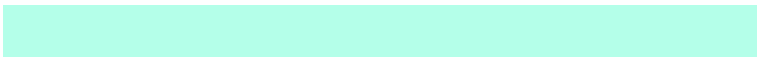
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 40.356, 148.737



93, 47.955, 148.174



95, 27.793, 173.037



52, 7.781, 150.403



68, 90.193, 138.817



23, 39.117, 141.343

Inverse Universe

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



82, 40.558, 332.939



79, 48.174, 333.339



81, 30.344, 359.233



50, 7.807, 331.581



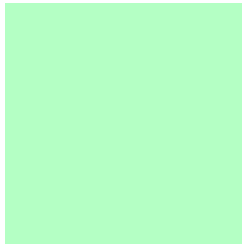
43, 78.887, 339.024



11, 36.991, 337.453

Previews

White Background



This preview shows how the CIE LCh color 94, 40.404, 148.727 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, 40.404, 148.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

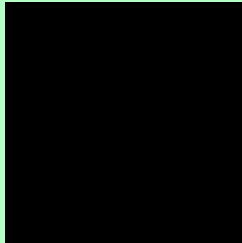
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 40.404, 148.727

Background



This preview shows how black text looks on a background with the CIELCh color 94, 40.404, 148.727.

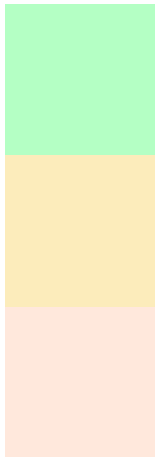


This preview shows how white text looks on a background with the CIELCh color 94, 40.404, 148.727.

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, 40.404, 148.727

Protanopia
94, 25.833, 94.338

Deuteranopia
94, 10.486, 55.693

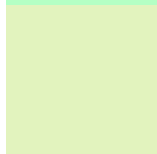


Tritanopia
94, 12.154, 232.459

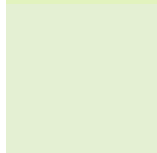
Trichromacy



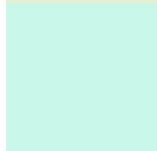
Original Color
94, 40.404, 148.727



Protanomaly
93, 27.797, 121.350



Deuteranomaly
93, 15.538, 125.418



Tritanomaly
94, 17.551, 175.813

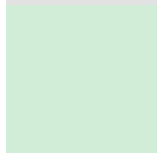
Monochromacy



Original Color
94, 40.404, 148.727



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 15.249, 150.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 40.404, 148.727 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(180, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 40.404, 148.727 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(180, 255, 196) }
```

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

```
.border{ border-color:rgb(180, 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(180, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 40.404, 148.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 196) }
```

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

```
.background{ background-color: rgb(180,  
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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