

Converting Colors

CIELCh(94, 37.765, 152.271)

Have a look what the booklet for
CIELCh(94, 37.765, 152.271)
contains.

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Color

CIELCh(94, 37.887, 152.464)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFCB
RGB	179, 255, 203
RGB Percent	70%, 100%, 80%
CMY	0.2987, 0.0007, 0.2046
CMYK	0.30, 0.00, 0.20, 0.00
HSL	139°, 100%, 85%
HSV	139°, 30%, 100%
XYZ	65.0119, 85.2715, 69.4247
YIQ	226.3480, -28.6040, -32.2840

Conversions

Conversions Part 2

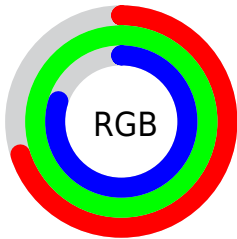
Format	Color
RYB	179, 237, 255
Decimal	11796427
CIELab	94.00, -33.60, 17.52
CIELCh	94, 37.887, 152.464
Yxy	85.2715, 0.2959, 0.3881
Android (android.graphics.Color)	4289986507 (0xFFB3FFCB)
YUV	226.3480, -11.5106, -41.5242
Hunter-Lab	92.3426, -35.9304, 20.0646

Details

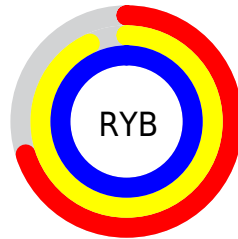
The CIELCh color **94, 37.887, 152.464** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **81, 38.349, 337.156**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **74, 37.871, 152.593** is the 20% darker color. If you saturate the color by 10%, you get **92, 50.254, 151.371**, and if you desaturate by 10%, it is **96, 25.226, 153.415**.

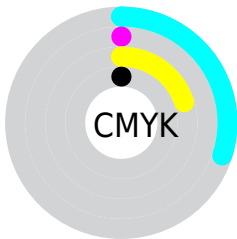
Distribution



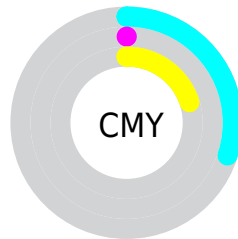
- Red (70%)
- Green (100%)
- Blue (80%)



- Red (70%)
- Yellow (93%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 37.887, 152.464 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, 37.887, 152.464 by changing the saturation by 10% instead.

 94, 37.887,
152.464

 94, 37.887,
152.464

 100, 37.887,
152.464

 84, 37.887,
152.464

 74, 37.887,
152.464

 64, 37.887,
152.464

 54, 37.887,
152.464

 44, 37.887,
152.464

 34, 37.887,
152.464

 24, 37.887,

152.464

■ 14, 37.887,
152.464

■ 4, 37.887, 152.464

■ 94, 37.887,
152.464

■ 94, 37.887,
152.464

■ 92, 50.254,
151.371

■ 96, 25.226,
153.415

■ 91, 62.089,
150.112

■ 98, 12.465,
154.256

■ 90, 73.150,
148.670

100, 0.119,
321.846

■ 89, 83.198,
147.033

■ 89, 92.039,
145.211

■ 88, 99.543,
143.244

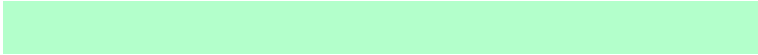
■ 88, 105.722,
141.248

■ 88, 105.823,
141.215

Harmonies

Complementary

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



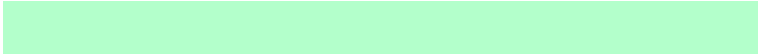
94, 37.887, 152.464



81, 38.349, 337.156

Rectangle

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



94, 37.887, 152.464



94, 37.887, 202.464



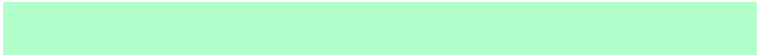
94, 37.887, 332.464



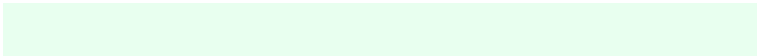
94, 37.887, 22.464

Sweetspot

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



94, 37.889, 152.464



98, 11.422, 154.322



97, 39.214, 120.053



52, 7.943, 154.205



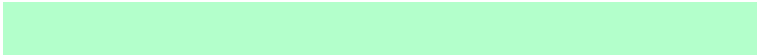
0, 0.000, 0.000



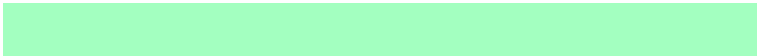
53, 0.007, 296.813

Same Dimension

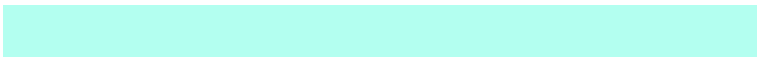
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 37.889, 152.464



93, 45.602, 151.807



95, 26.383, 180.451



52, 7.218, 154.281



68, 84.555, 141.586



23, 36.413, 144.521

Inverse Universe

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



81, 38.349, 337.156



78, 46.197, 337.683



80, 29.912, 6.613



50, 7.258, 335.564



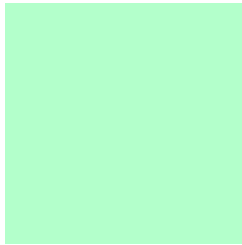
42, 73.585, 346.125



11, 34.687, 343.330

Previews

White Background



This preview shows how the CIE LCh color 94, 37.887, 152.464 looks on a white background.

Color Contrast Check

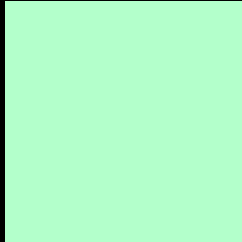
Large Text (above 18pt) WCAG AA × Fail

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, 37.887, 152.464 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

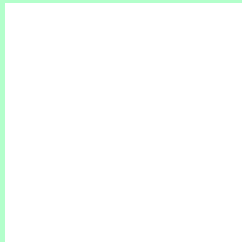
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 37.887, 152.464

Background



This preview shows how black text looks on a background with the CIELCh color 94, 37.887, 152.464.

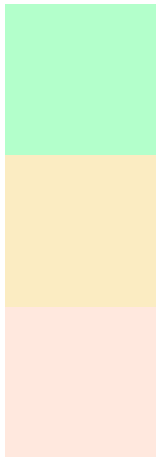


This preview shows how white text looks on a background with the CIELCh color 94, 37.887, 152.464.

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, 37.887, 152.464

Protanopia
94, 22.267, 93.541

Deuteranopia
94, 9.891, 51.018

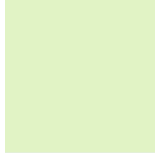


Tritanopia
94, 12.176, 229.471

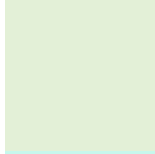
Trichromacy



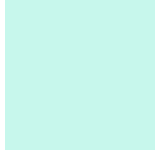
Original Color
94, 37.887, 152.464



Protanomaly
94, 24.468, 124.223



Deuteranomaly
93, 13.711, 129.316

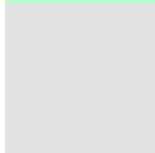


Tritanomaly
94, 17.418, 179.260

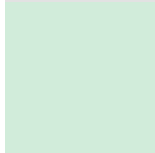
Monochromacy



Original Color
94, 37.887, 152.464



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.476, 154.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 37.887, 152.464 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(179, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 203)  
}
```

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(179, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 37.887, 152.464 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(179, 255, 203) }
```

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

```
.border{ border-color:rgb(179, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 37.887, 152.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 203) }
```

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

```
.background{ background-color: rgb(179,  
255, 203) }
```

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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