

Converting Colors

CIELCh(94, 32.701, 154.846)

Have a look what the booklet for
CIELCh(94, 32.701, 154.846)
contains.

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Color

CIELCh(94, 32.653, 154.900)

Conversions

Conversions Part 1

Format	Color
Hex	B9FDD2
RGB	185, 253, 210
RGB Percent	73%, 99%, 82%
CMY	0.2743, 0.0076, 0.1762
CMYK	0.27, 0.00, 0.17, 0.01
HSL	142°, 95%, 86%
HSV	142°, 27%, 99%
XYZ	66.8104, 85.2715, 73.9528
YIQ	227.7660, -26.7250, -27.7890

Conversions

Conversions Part 2

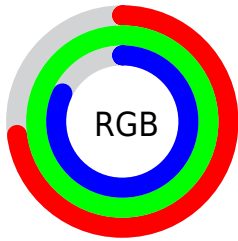
Format	Color
R_{YB}	185, 235, 253
Decimal	12189138
CIE _{Lab}	94.00, -29.57, 13.85
CIE _{LCh}	94, 32.653, 154.900
Yxy	85.2715, 0.2956, 0.3772
Android (android.graphics.Color)	4290379218 (0xFFB9FDD2)
YUV	227.7660, -8.7586, -37.5058
Hunter-Lab	92.3426, -32.4537, 17.1572

Details

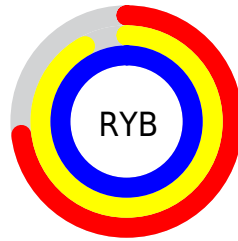
The CIELCh color **94, 32.653, 154.900** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 33.182, 339.267**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **74, 32.857, 154.718** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.539, 153.824**, and if you desaturate by 10%, it is **96, 20.526, 155.844**.

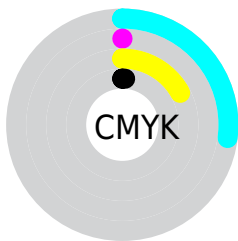
Distribution



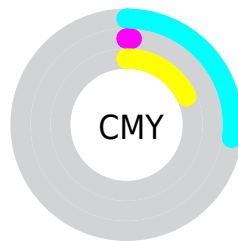
- Red (73%)
- Green (99%)
- Blue (82%)



- Red (73%)
- Yellow (92%)
- Blue (99%)



- Cyan (27%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)




- Cyan (27%)
- Magenta (1%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 32.653, 154.900 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, 32.653, 154.900 by changing the saturation by 10% instead.

 94, 32.653,
154.900

 94, 32.653,
154.900

 100, 32.653,
154.900

 84, 32.653,
154.900

 74, 32.653,
154.900

 64, 32.653,
154.900

 54, 32.653,
154.900

 44, 32.653,
154.900

 34, 32.653,
154.900

 24, 32.653,

154.900

■ 14, 32.653,
154.900

■ 4, 32.653, 154.900

■ 94, 32.653,
154.900

■ 94, 32.653,
154.900

■ 92, 44.539,
153.824

■ 96, 20.526,
155.844

■ 91, 55.969,
152.591

■ 98, 8.333, 156.697

■ 90, 66.721,
151.177

100, 1.206,
324.227

■ 89, 76.577,
149.565

■ 88, 85.356,
147.749

■ 88, 92.946,
145.747

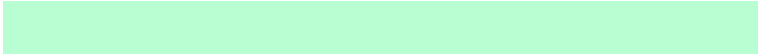
■ 88, 99.329,
143.618

■ 88, 101.140,
142.972

Harmonies

Complementary

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



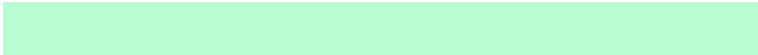
94, 32.653, 154.900



83, 33.182, 339.267

Rectangle

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



94, 32.653, 154.900



94, 32.653, 204.900



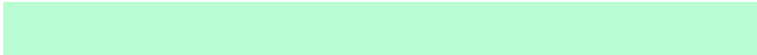
94, 32.653, 334.900



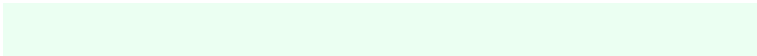
94, 32.653, 24.900

Sweetspot

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



94, 32.655, 154.899



98, 9.766, 156.602



96, 35.636, 122.852



52, 6.946, 156.476



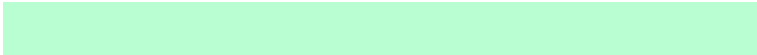
0, 0.000, 0.000



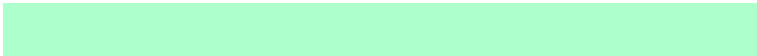
53, 0.007, 296.813

Same Dimension

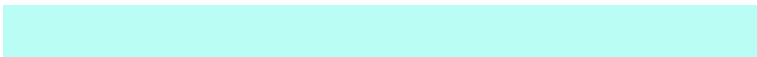
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 32.655, 154.899



94, 39.031, 154.364



95, 22.991, 186.207



52, 6.946, 156.476



68, 81.221, 143.360



23, 34.933, 146.428

Inverse Universe

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



83, 33.182, 339.267



80, 39.745, 339.732



82, 26.335, 11.273



50, 6.995, 337.821



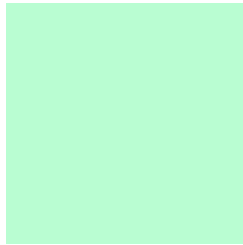
42, 71.459, 350.240



11, 33.697, 346.708

Previews

White Background



This preview shows how the CIE LCh color 94, 32.653, 154.900 looks on a white background.

Color Contrast Check

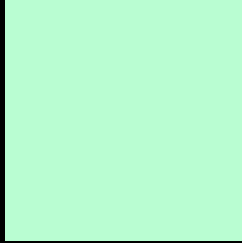
Large Text (above 18pt) WCAG AA × Fail

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, 32.653, 154.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

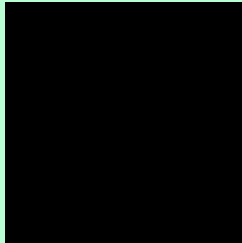
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.653, 154.900

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.653, 154.900.

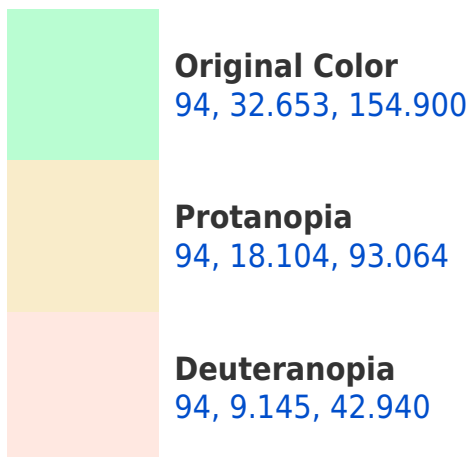


This preview shows how white text looks on a background with the CIELCh color 94, 32.653, 154.900.

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





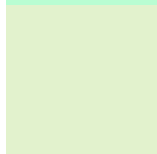
Tritanopia
94, 11.889, 233.325

Trichromacy



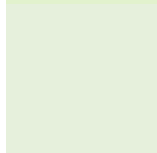
Original Color

94, 32.653, 154.900



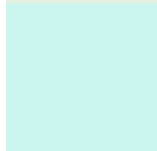
Protanomaly

93, 19.873, 125.942



Deuteranomaly

94, 10.911, 128.712



Tritanomaly

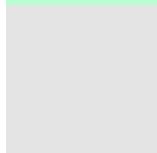
94, 15.463, 184.899

Monochromacy



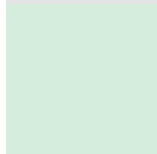
Original Color

94, 32.653, 154.900



Achromatopsia

91, 0.011, 296.813



Achromatomaly

92, 12.218, 156.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.653, 154.900 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(185, 253, 210)` looks like.

```
.text, #text, p{  
    color:rgb(185, 253, 210)  
}
```

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(185, 253, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 253, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.653, 154.900 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(185, 253, 210) }
```

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

```
.border{ border-color:rgb(185, 253, 210) }
```

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

Here you see how a box with a 4 pixel rgb(185, 253, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 253, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 253, 210);  
box-shadow:4px 4px 4px 4px rgb(185, 253,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.653, 154.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 253, 210) }
```

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

```
.background{ background-color: rgb(185,  
253, 210) }
```

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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