

Converting Colors

CIELCh(99, 42.864, 153.467)

Have a look what the booklet for
CIELCh(99, 42.864, 153.467)
contains.

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Color

CIElCh(94, 33.454, 157.267)

Conversions

Conversions Part 1

Format	Color
Hex	B5FED4
RGB	181, 254, 212
RGB Percent	71%, 100%, 83%
CMY	0.2910, 0.0049, 0.1694
CMYK	0.29, 0.00, 0.17, 0.00
HSL	145°, 97%, 85%
HSV	145°, 29%, 100%
XYZ	66.2325, 85.2715, 75.1244
YIQ	227.3850, -30.0260, -28.5380

Conversions

Conversions Part 2

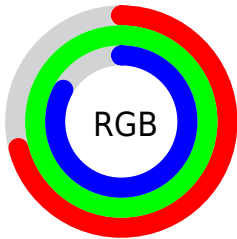
Format	Color
RYB	181, 232, 254
Decimal	11927252
CIELab	94.00, -30.86, 12.93
CIELCh	94, 33.454, 157.267
Yxy	85.2715, 0.2923, 0.3763
Android (android.graphics.Color)	4290117332 (0xFFB5FED4)
YUV	227.3850, -7.5848, -40.6796
Hunter-Lab	92.3426, -33.5709, 16.4050

Details

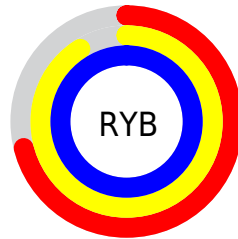
The CIELCh color **94, 33.454, 157.267** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 34.264, 342.267**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **74, 33.660, 157.063** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.722, 156.133**, and if you desaturate by 10%, it is **96, 21.890, 158.267**.

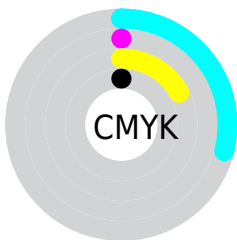
Distribution



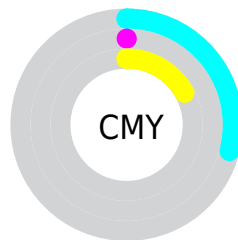
- Red (71%)
- Green (100%)
- Blue (83%)



- Red (71%)
- Yellow (91%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.454, 157.267 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, 33.454, 157.267 by changing the saturation by 10% instead.


 94, 33.454,
157.267


 94, 33.454,
157.267

 100, 33.454,
157.267


 84, 33.454,
157.267

 74, 33.454,
157.267

 64, 33.454,
157.267

 54, 33.454,
157.267

 44, 33.454,
157.267

 34, 33.454,
157.267

 24, 33.454,

157.267

■ 14, 33.454,
157.267

■ 4, 33.454, 157.267

■ 94, 33.454,
157.267

■ 94, 33.454,
157.267

■ 92, 44.722,
156.133

■ 96, 21.890,
158.267

■ 91, 55.487,
154.840

■ 98, 10.202,
159.169

■ 90, 65.541,
153.364

100, 0.779,
324.072

■ 89, 74.694,
151.683

■ 89, 82.800,
149.790

■ 88, 89.795,
147.699

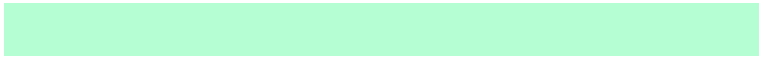
■ 88, 95.742,
145.476

■ 88, 96.442,
145.208

Harmonies

Complementary

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



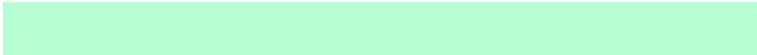
94, 33.454, 157.267



81, 34.264, 342.267

Rectangle

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



94, 33.454, 157.267



94, 33.454, 207.267



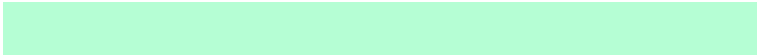
94, 33.454, 337.267



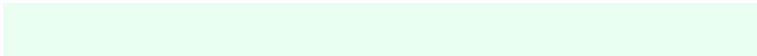
94, 33.454, 27.267

Sweetspot

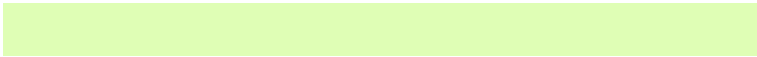
The Sweet Spot groups the original color and five complimentary colors.



94, 33.456, 157.266



98, 10.536, 159.147



96, 38.587, 124.663



52, 7.325, 159.019



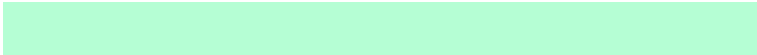
0, 0.000, 0.000



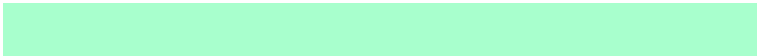
53, 0.007, 296.813

Same Dimension

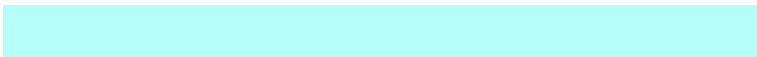
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 33.456, 157.266



94, 39.576, 156.688



95, 23.994, 190.381



52, 6.657, 159.103



68, 77.271, 145.619



23, 33.240, 148.787

Inverse Universe

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



81, 34.264, 342.267



79, 40.671, 342.802



81, 28.325, 15.392



50, 6.719, 340.521



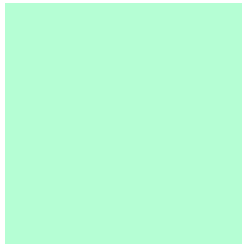
42, 69.645, 355.166



11, 32.771, 350.755

Previews

White Background



This preview shows how the CIE LCh color 94, 33.454, 157.267 looks on a white background.

Color Contrast Check

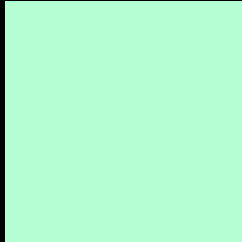
Large Text (above 18pt) WCAG AA × Fail

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, 33.454, 157.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

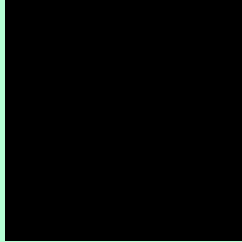
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

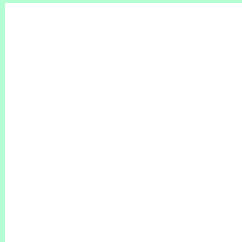
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 33.454, 157.267

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.454, 157.267.

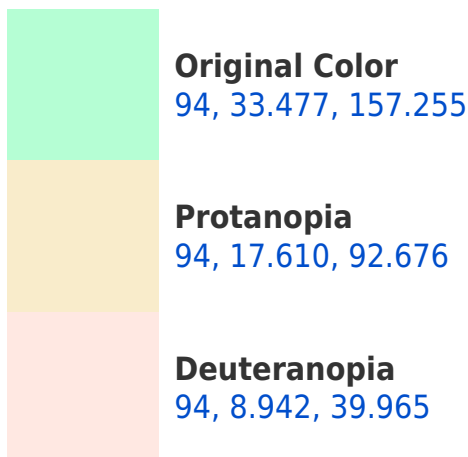


This preview shows how white text looks on a background with the CIELCh color 94, 33.454, 157.267.

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



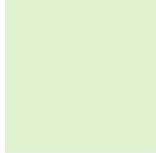


Tritanopia
94, 12.176, 229.471

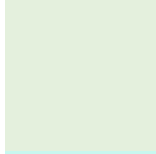
Trichromacy



Original Color
94, 33.477, 157.255



Protanomaly
93, 19.633, 128.401

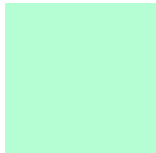


Deuteranomaly
93, 10.709, 133.212

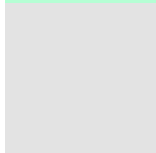


Tritanomaly
94, 16.551, 183.896

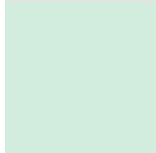
Monochromacy



Original Color
94, 33.477, 157.255



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.742, 158.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.454, 157.267 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(181, 254, 212)` looks like.

```
.text, #text, p{  
    color:rgb(181, 254, 212)  
}
```

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(181, 254, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.454, 157.267 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(181, 254, 212) }
```

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

```
.border{ border-color:rgb(181, 254, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 254, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 254, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 254, 212);  
box-shadow:4px 4px 4px 4px rgb(181, 254,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.454, 157.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 212) }
```

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

```
.background{ background-color: rgb(181,  
254, 212) }
```

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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