

Converting Colors

CIELCh(94, 33.944, 159.665)

Have a look what the booklet for
CIELCh(94, 33.944, 159.665)
contains.

CIELCh(94, 33.754, 159.796)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 33.754, 159.796)

Conversions

Conversions Part 1

Format	Color
Hex	B1FED6
RGB	177, 254, 214
RGB Percent	69%, 100%, 84%
CMY	0.3050, 0.0030, 0.1599
CMYK	0.30, 0.00, 0.16, 0.00
HSL	149°, 98%, 85%
HSV	149°, 30%, 100%
XYZ	65.8647, 85.2715, 76.7562
YIQ	226.4170, -33.0520, -28.7640

Conversions

Conversions Part 2

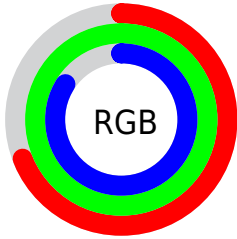
Format	Color
RYB	177, 229, 254
Decimal	11665110
CIELab	94.00, -31.68, 11.66
CIELCh	94, 33.754, 159.796
Yxy	85.2715, 0.2890, 0.3742
Android (android.graphics.Color)	4289855190 (0xFFB1FED6)
YUV	226.4170, -6.1216, -43.3387
Hunter-Lab	92.3426, -34.2817, 15.3573

Details

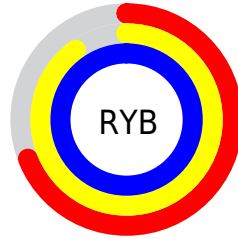
The CIELCh color **94, 33.754, 159.796** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 34.923, 345.405**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **74, 33.887, 159.612** is the 20% darker color. If you saturate the color by 10%, you get **93, 44.422, 158.613**, and if you desaturate by 10%, it is **96, 22.737, 160.845**.

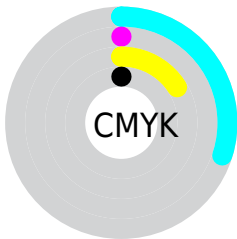
Distribution



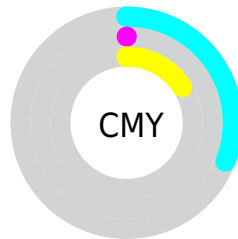
- Red (69%)
- Green (100%)
- Blue (84%)



- Red (69%)
- Yellow (90%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (31%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.754, 159.796 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, 33.754, 159.796 by changing the saturation by 10% instead.


 94, 33.754,
159.796


 94, 33.754,
159.796

 100, 33.754,
159.796


 84, 33.754,
159.796

 74, 33.754,
159.796

 64, 33.754,
159.796

 54, 33.754,
159.796

 44, 33.754,
159.796

 34, 33.754,
159.796

 24, 33.754,

159.796

■ 14, 33.754,
159.796

■ 4, 33.754, 159.796

■ 94, 33.754,
159.796

■ 94, 33.754,
159.796

■ 93, 44.422,
158.613

■ 96, 22.737,
160.845

■ 91, 54.541,
157.272

■ 98, 11.542,
161.795

■ 90, 63.920,
155.746

■ 100, 0.318,
164.093

■ 89, 72.388,
154.014

■ 100, 0.483,
323.817

■ 89, 79.832,
152.066

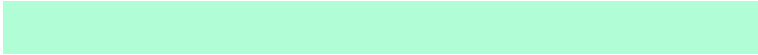
■ 88, 86.224,
149.910

■ 88, 91.557,
147.698

Harmonies

Complementary

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



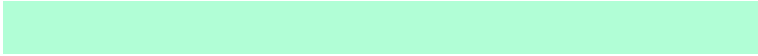
94, 33.754, 159.796



81, 34.923, 345.405

Rectangle

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



94, 33.754, 159.796



94, 33.754, 209.796



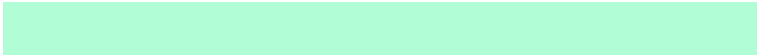
94, 33.754, 339.796



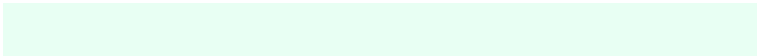
94, 33.754, 29.796

Sweetspot

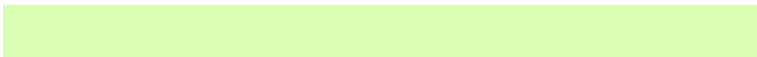
The Sweet Spot groups the original color and five complimentary colors.



94, 33.756, 159.795



98, 10.116, 161.913



96, 41.169, 126.440



52, 7.031, 161.779



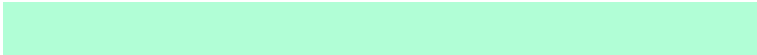
0, 0.000, 0.000



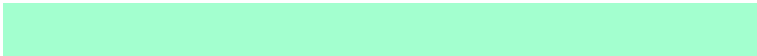
53, 0.007, 296.813

Same Dimension

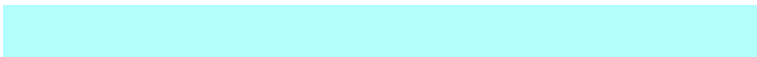
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 33.756, 159.795



93, 39.997, 159.137



95, 24.761, 194.800



52, 6.391, 161.867



68, 73.256, 148.124



23, 31.565, 151.346

Inverse Universe

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



81, 34.923, 345.405



77, 41.604, 346.057



80, 30.137, 19.447



50, 6.467, 343.357



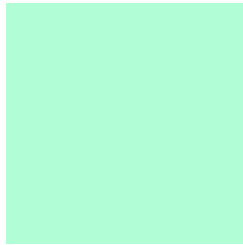
41, 68.496, 0.261



10, 32.067, 354.969

Previews

White Background



This preview shows how the CIE LCh color 94, 33.754, 159.796 looks on a white background.

Color Contrast Check

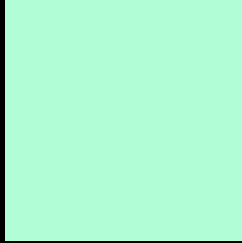
Large Text (above 18pt) WCAG AA × Fail

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, 33.754, 159.796 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, 33.754, 159.796

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.754, 159.796.

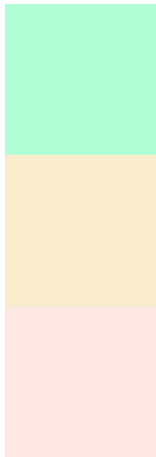


This preview shows how white text looks on a background with the CIELCh color 94, 33.754, 159.796.

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, 33.754, 159.796

Protanopia

94, 16.517, 93.078

Deuteranopia

94, 8.766, 36.860

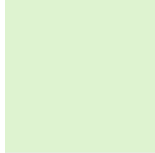


Tritanopia
94, 12.451, 228.710

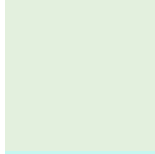
Trichromacy



Original Color
94, 33.754, 159.796



Protanomaly
94, 19.559, 131.866



Deuteranomaly
93, 10.402, 136.129

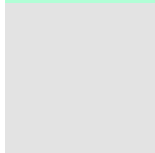


Tritanomaly
94, 17.013, 186.046

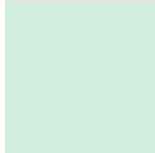
Monochromacy



Original Color
94, 33.754, 159.796



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.669, 160.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.754, 159.796 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(177, 254, 214)` looks like.

```
.text, #text, p{  
    color:rgb(177, 254, 214)  
}
```

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(177, 254, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 254, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.754, 159.796 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(177, 254, 214) }
```

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

```
.border{ border-color:rgb(177, 254, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 254, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 254, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 254, 214);  
box-shadow:4px 4px 4px 4px rgb(177, 254,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.754, 159.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 254, 214) }
```

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

```
.background{ background-color: rgb(177,  
254, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor