

Converting Colors

CIELCh(94, 33.943, 164.628)

Have a look what the booklet for
CIELCh(94, 33.943, 164.628)
contains.

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Color

CIElCh(94, 34.147, 164.419)

Conversions

Conversions Part 1

Format	Color
Hex	ABFFDB
RGB	171, 255, 219
RGB Percent	67%, 100%, 86%
CMY	0.3295, 0.0001, 0.1413
CMYK	0.33, 0.00, 0.14, 0.00
HSL	154°, 100%, 84%
HSV	154°, 33%, 100%
XYZ	65.3236, 85.2715, 80.0168
YIQ	225.7800, -38.5080, -29.0040

Conversions

Conversions Part 2

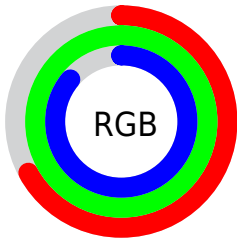
Format	Color
RYB	171, 224, 255
Decimal	11272155
CIELab	94.00, -32.89, 9.17
CIELCh	94, 34.147, 164.419
Yxy	85.2715, 0.2833, 0.3698
Android (android.graphics.Color)	4289462235 (0xFFABFFDB)
YUV	225.7800, -3.3425, -48.0421
Hunter-Lab	92.3426, -35.3278, 13.2638

Details

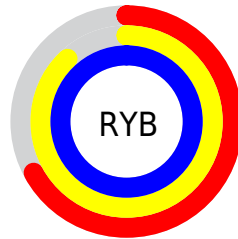
The CIELCh color **94, 34.147, 164.419** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 36.179, 351.121**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **74, 34.151, 164.265** is the 20% darker color. If you saturate the color by 10%, you get **93, 43.817, 163.170**, and if you desaturate by 10%, it is **96, 24.028, 165.537**.

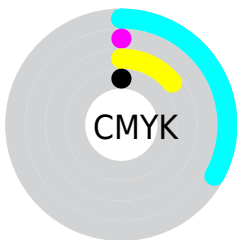
Distribution



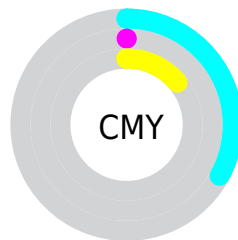
- Red (67%)
- Green (100%)
- Blue (86%)



- Red (67%)
- Yellow (88%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 34.147, 164.419 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, 34.147, 164.419 by changing the saturation by 10% instead.

 94, 34.147,
164.419


 94, 34.147,
164.419

 100, 34.147,
164.419


 84, 34.147,
164.419

 74, 34.147,
164.419

 64, 34.147,
164.419

 54, 34.147,
164.419

 44, 34.147,
164.419

 34, 34.147,
164.419

 24, 34.147,

164.419

■ 14, 34.147,
164.419

■ 4, 34.147, 164.419

■ 94, 34.147,
164.419

■ 94, 34.147,
164.419

■ 93, 43.817,
163.170

■ 96, 24.028,
165.537

■ 91, 52.851,
161.767

■ 97, 13.627,
166.558

■ 91, 61.079,
160.183

■ 99, 3.098, 167.600

■ 90, 68.367,
158.395

100, 0.024,
311.493

■ 89, 74.646,
156.389

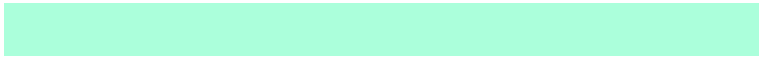
■ 89, 79.941,
154.173

■ 89, 83.216,
152.539

Harmonies

Complementary

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



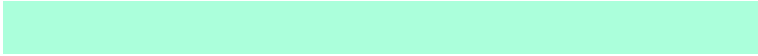
94, 34.147, 164.419



79, 36.179, 351.121

Rectangle

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



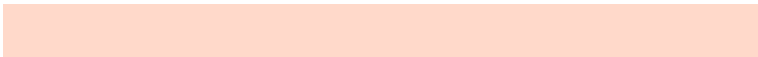
94, 34.147, 164.419



94, 34.147, 214.419



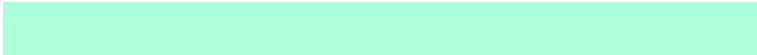
94, 34.147, 344.419



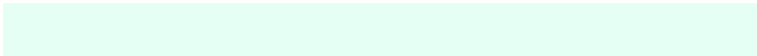
94, 34.147, 34.419

Sweetspot

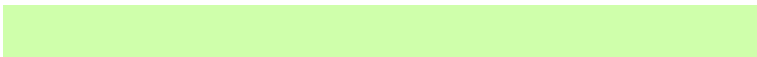
The Sweet Spot groups the original color and five complimentary colors.



94, 34.148, 164.418



98, 10.535, 166.846



95, 46.013, 129.835



52, 7.185, 166.709



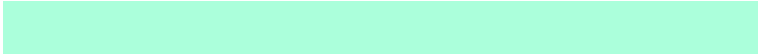
0, 0.000, 0.000



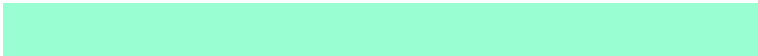
53, 0.007, 296.813

Same Dimension

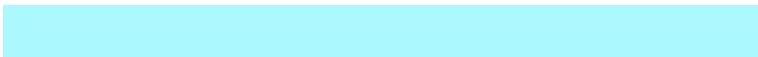
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 34.148, 164.418



93, 41.030, 163.552



93, 24.763, 204.655



52, 5.990, 166.895



68, 66.471, 152.974



23, 28.803, 156.198

Inverse Universe

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



79, 36.179, 351.121



75, 43.970, 352.096



79, 31.427, 27.347



50, 6.094, 348.492



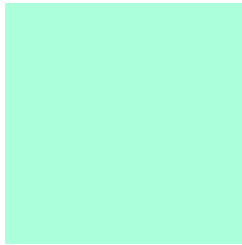
41, 68.068, 9.025



10, 31.384, 2.373

Previews

White Background



This preview shows how the CIE LCh color 94, 34.147, 164.419 looks on a white background.

Color Contrast Check

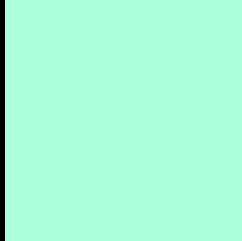
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 34.147, 164.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

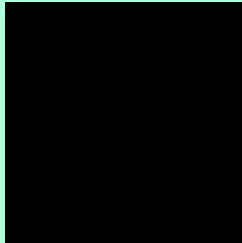
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

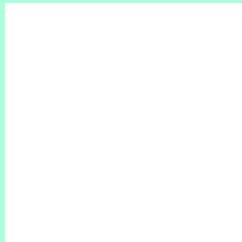
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 34.147, 164.419

Background



This preview shows how black text looks on a background with the CIELCh color 94, 34.147, 164.419.

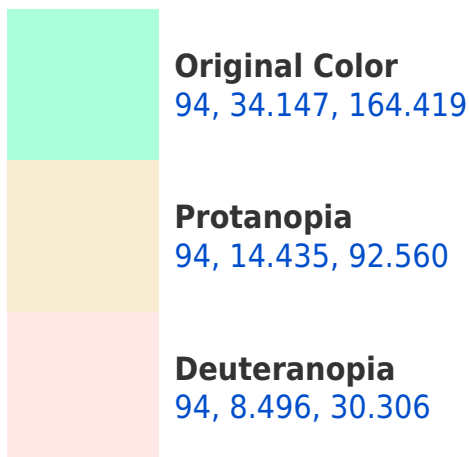


This preview shows how white text looks on a background with the CIELCh color 94, 34.147, 164.419.

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



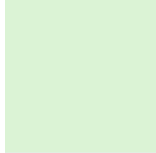


Tritanopia
94, 13.006, 227.289

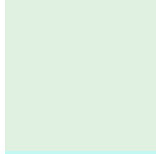
Trichromacy



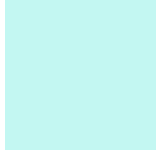
Original Color
94, 34.147, 164.419



Protanomaly
93, 17.747, 138.238

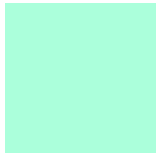


Deuteranomaly
93, 9.651, 145.802

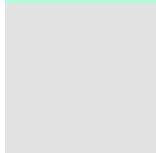


Tritanomaly
94, 17.672, 189.868

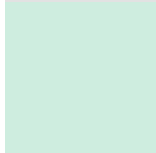
Monochromacy



Original Color
94, 34.147, 164.419



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.191, 165.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 34.147, 164.419 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(171, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 219)  
}
```

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(171, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 34.147, 164.419 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(171, 255, 219) }
```

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

```
.border{ border-color:rgb(171, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(171, 255,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 34.147, 164.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 219) }
```

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

```
.background{ background-color: rgb(171,  
255, 219) }
```

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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