

Converting Colors

CIELCh(97, 37.705, 167.381)

Have a look what the booklet for
CIELCh(97, 37.705, 167.381)
contains.

CIELCh(94, 32.215, 172.766)	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, 32.215, 172.766)

Conversions

Conversions Part 1

Format	Color
Hex	A7FFE5
RGB	167, 255, 229
RGB Percent	65%, 100%, 90%
CMY	0.3457, 0.0006, 0.1025
CMYK	0.35, 0.00, 0.10, 0.00
HSL	162°, 100%, 83%
HSV	162°, 35%, 100%
XYZ	65.7391, 85.2715, 87.0150
YIQ	225.7240, -44.1020, -26.7420

Conversions

Conversions Part 2

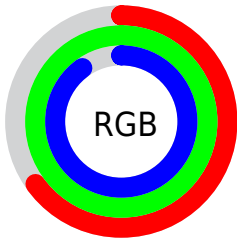
Format	Color
RYB	167, 219, 255
Decimal	11010021
CIELab	94.00, -31.96, 4.06
CIELCh	94, 32.215, 172.766
Yxy	85.2715, 0.2762, 0.3582
Android (android.graphics.Color)	4289200101 (0xFFA7FFE5)
YUV	225.7240, 1.6151, -51.5009
Hunter-Lab	92.3426, -34.5246, 8.7705

Details

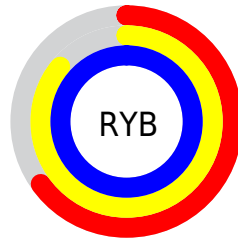
The CIELCh color **94, 32.215, 172.766** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 35.815, 0.317**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **74, 32.208, 173.106** is the 20% darker color. If you saturate the color by 10%, you get **93, 40.547, 171.531**, and if you desaturate by 10%, it is **95, 23.305, 173.892**.

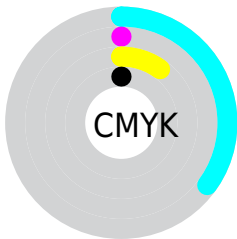
Distribution



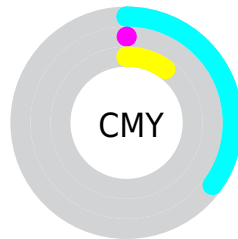
- Red (65%)
- Green (100%)
- Blue (90%)



- Red (65%)
- Yellow (86%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 32.215, 172.766 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, 32.215, 172.766 by changing the saturation by 10% instead.


 94, 32.215,
172.766

 94, 32.215,
172.766


 100, 32.215,
172.766


 84, 32.215,
172.766

 74, 32.215,
172.766

 64, 32.215,
172.766

 54, 32.215,
172.766

 44, 32.215,
172.766

 34, 32.215,
172.766

 24, 32.215,

172.766

■ 14, 32.215,
172.766

■ 4, 32.215, 172.766

■ 94, 32.215,
172.766

■ 94, 32.215,
172.766

■ 93, 40.547,
171.531

■ 95, 23.305,
173.892

■ 92, 48.133,
170.168

■ 97, 13.978,
174.942

■ 91, 54.830,
168.650

■ 99, 4.388, 175.991

■ 90, 60.538,
166.951

100, 0.102,
321.394

■ 90, 65.226,
165.051

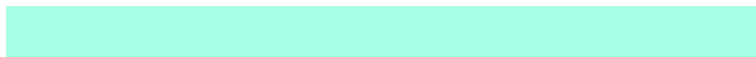
■ 89, 68.961,
162.950

■ 89, 70.722,
161.753

Harmonies

Complementary

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



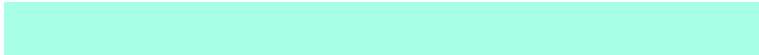
94, 32.215, 172.766



78, 35.815, 0.317

Rectangle

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



94, 32.215, 172.766



94, 32.215, 222.766



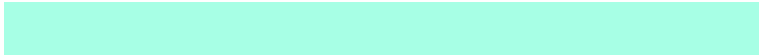
94, 32.215, 352.766



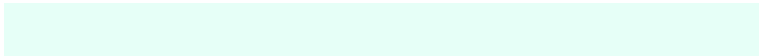
94, 32.215, 42.766

Sweetspot

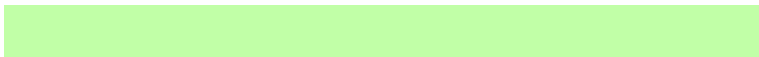
The Sweet Spot groups the original color and five complimentary colors.



94, 32.216, 172.764



98, 9.664, 175.403



94, 50.073, 134.030



52, 6.586, 175.260



0, 0.000, 0.000



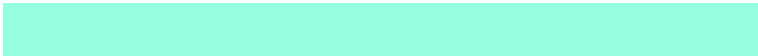
53, 0.007, 296.813

Same Dimension

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



94, 32.216, 172.764



93, 37.702, 171.979



90, 23.460, 221.259



52, 5.496, 175.453



69, 56.620, 162.163



23, 24.895, 165.144

Inverse Universe

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



78, 35.815, 0.317



74, 42.790, 1.388



81, 30.030, 39.303



50, 5.653, 357.131



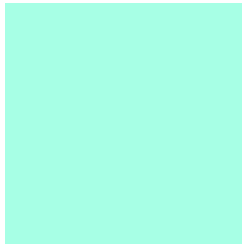
40, 70.842, 21.673



10, 31.480, 13.066

Previews

White Background



This preview shows how the CIE LCh color 94, 32.215, 172.766 looks on a white background.

Color Contrast Check

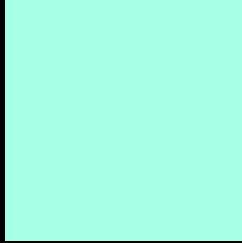
Large Text (above 18pt) WCAG AA × Fail

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, 32.215, 172.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

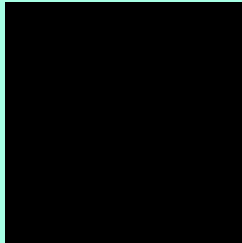
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.215, 172.766

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.215, 172.766.

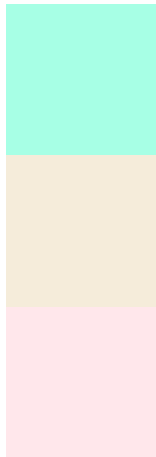


This preview shows how white text looks on a background with the CIELCh color 94, 32.215, 172.766.

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, 32.215, 172.766

Protanopia

94, 9.796, 89.716

Deuteranopia

94, 8.889, 6.626



Tritanopia
94, 13.652, 223.342

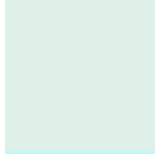
Trichromacy



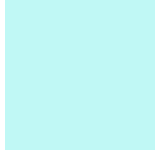
Original Color
94, 32.215, 172.766



Protanomaly
94, 14.311, 149.581



Deuteranomaly
93, 7.025, 168.140

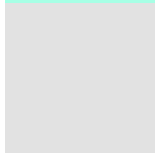


Tritanomaly
94, 18.681, 193.463

Monochromacy



Original Color
94, 32.215, 172.766



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.166, 176.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.215, 172.766 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(167, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(167, 255, 229)  
}
```

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(167, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 255, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.215, 172.766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

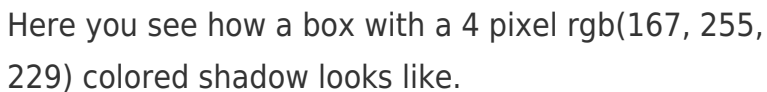
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 255, 229) }
```

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

```
.border{ border-color:rgb(167, 255, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 255, 229); box-shadow:4px 4px 4px 4px rgb(167, 255, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.215, 172.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 255, 229) }
```

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

```
.background{ background-color: rgb(167,  
255, 229) }
```

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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