

Converting Colors

CIELCh(94, 35.561, 164.432)

Have a look what the booklet for
CIELCh(94, 35.561, 164.432)
contains.

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Color

CIElCh(94, 35.220, 164.470)

Conversions

Conversions Part 1

Format	Color
Hex	A8FFDA
RGB	168, 255, 218
RGB Percent	66%, 100%, 85%
CMY	0.3394, 0.0000, 0.1434
CMYK	0.34, 0.00, 0.14, 0.00
HSL	155°, 100%, 83%
HSV	155°, 34%, 100%
XYZ	64.8619, 85.2715, 79.6741
YIQ	224.7690, -39.9750, -29.9510

Conversions

Conversions Part 2

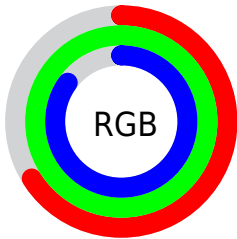
Format	Color
RYB	168, 223, 255
Decimal	11075546
CIELab	94.00, -33.93, 9.43
CIELCh	94, 35.220, 164.470
Yxy	85.2715, 0.2822, 0.3711
Android (android.graphics.Color)	4289265626 (0xFFA8FFDA)
YUV	224.7690, -3.3371, -49.7864
Hunter-Lab	92.3426, -36.2202, 13.4838

Details

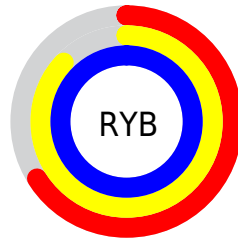
The CIELCh color **94, 35.220, 164.470** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 37.173, 351.647**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **74, 35.218, 164.241** is the 20% darker color. If you saturate the color by 10%, you get **93, 44.519, 163.400**, and if you desaturate by 10%, it is **95, 24.939, 165.796**.

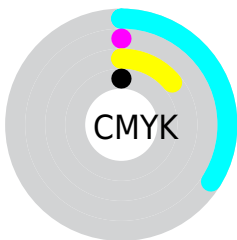
Distribution



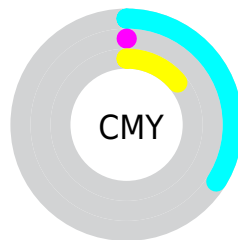
- Red (66%)
- Green (100%)
- Blue (85%)



- Red (66%)
- Yellow (87%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (34%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 35.220, 164.470 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, 35.220, 164.470 by changing the saturation by 10% instead.


 94, 35.220,
164.470


 94, 35.220,
164.470


 100, 35.220,
164.470


 84, 35.220,
164.470

 74, 35.220,
164.470

 64, 35.220,
164.470

 54, 35.220,
164.470

 44, 35.220,
164.470

 34, 35.220,
164.470

 24, 35.220,

164.470

■ 14, 35.220,
164.470

■ 4, 35.220, 164.470

■ 94, 35.220,
164.470

■ 94, 35.220,
164.470

■ 93, 44.519,
163.400

■ 95, 24.939,
165.796

■ 91, 53.417,
161.981

■ 97, 14.610,
166.827

■ 90, 61.492,
160.379

■ 99, 4.135, 167.842

■ 90, 68.615,
158.571

100, 0.012,
296.813

■ 89, 74.728,
156.546

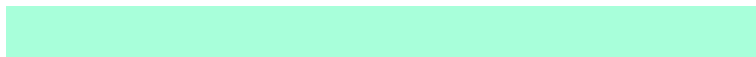
■ 89, 79.869,
154.313

■ 89, 82.629,
152.910

Harmonies

Complementary

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



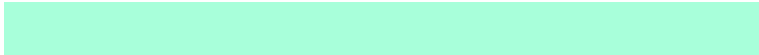
94, 35.220, 164.470



78, 37.173, 351.647

Rectangle

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



94, 35.220, 164.470



94, 35.220, 214.470



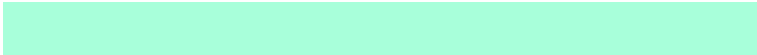
94, 35.220, 344.470



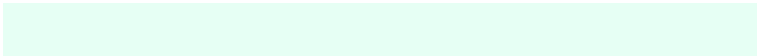
94, 35.220, 34.470

Sweetspot

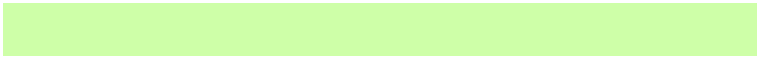
The Sweet Spot groups the original color and five complimentary colors.



94, 34.966, 164.663



98, 10.489, 167.215



95, 47.389, 129.786



52, 7.154, 167.077



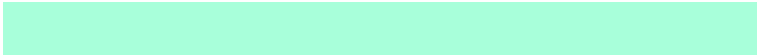
0, 0.000, 0.000



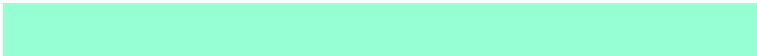
53, 0.007, 296.813

Same Dimension

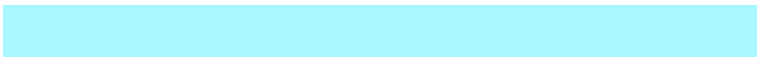
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 34.966, 164.663



93, 41.767, 163.787



93, 25.406, 204.649



52, 5.964, 167.264



68, 66.001, 153.345



23, 28.614, 156.565

Inverse Universe

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



78, 37.173, 351.647



74, 44.925, 352.649



79, 32.510, 27.448



50, 6.070, 348.868



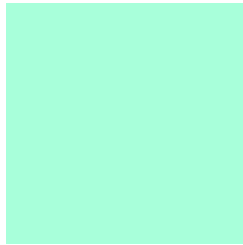
41, 68.108, 9.634



10, 31.360, 2.899

Previews

White Background



This preview shows how the CIE LCh color 94, 35.220, 164.470 looks on a white background.

Color Contrast Check

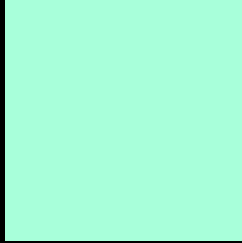
Large Text (above 18pt) WCAG AA × Fail

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, 35.220, 164.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

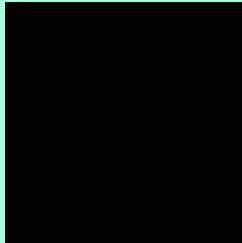
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

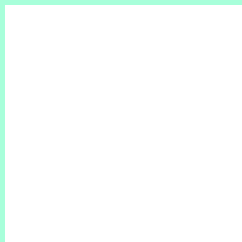
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 35.220, 164.470

Background



This preview shows how black text looks on a background with the CIELCh color 94, 35.220, 164.470.

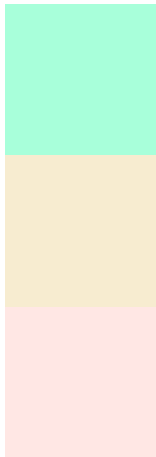


This preview shows how white text looks on a background with the CIELCh color 94, 35.220, 164.470.

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, 35.220, 164.470

Protanopia
94, 14.929, 93.056

Deuteranopia
93, 8.868, 29.900



Tritanopia
94, 13.564, 225.988

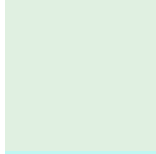
Trichromacy



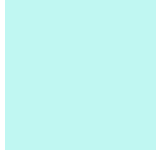
Original Color
94, 35.220, 164.470



Protanomaly
93, 18.379, 138.405

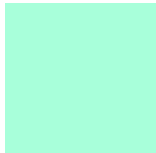


Deuteranomaly
93, 9.651, 145.802

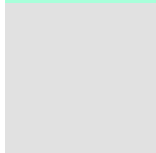


Tritanomaly
94, 18.596, 190.223

Monochromacy



Original Color
94, 35.220, 164.470



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.196, 167.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 35.220, 164.470 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(168, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 218)  
}
```

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(168, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 35.220, 164.470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

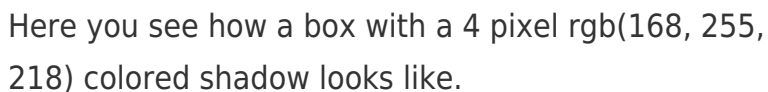
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 255, 218) }
```

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

```
.border{ border-color:rgb(168, 255, 218) }
```

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



Here you see how a box with a 4 pixel rgb(168, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 255, 218); box-shadow:4px 4px 4px 4px rgb(168, 255, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 35.220, 164.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 255, 218) }
```

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

```
.background{ background-color: rgb(168,  
255, 218) }
```

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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