

Converting Colors

CIELCh(94, 35.116, 167.698)

Have a look what the booklet for
CIELCh(94, 35.116, 167.698)
contains.

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Color

CIElCh(94, 34.725, 167.896)

Conversions

Conversions Part 1

Format	Color
Hex	A6FFDF
RGB	166, 255, 223
RGB Percent	65%, 100%, 87%
CMY	0.3506, 0.0000, 0.1271
CMYK	0.35, 0.00, 0.13, 0.00
HSL	158°, 100%, 82%
HSV	158°, 35%, 100%
XYZ	64.8536, 85.2715, 82.5577
YIQ	224.7410, -42.7720, -28.8200

Conversions

Conversions Part 2

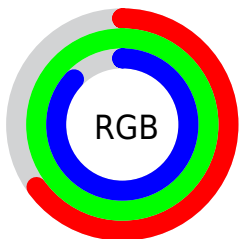
Format	Color
RYB	166, 220, 255
Decimal	10944479
CIELab	94.00, -33.95, 7.28
CIELCh	94, 34.725, 167.896
Yxy	85.2715, 0.2787, 0.3665
Android (android.graphics.Color)	4289134559 (0xFFA6FFDF)
YUV	224.7410, -0.8583, -51.5159
Hunter-Lab	92.3426, -36.2363, 11.6324

Details

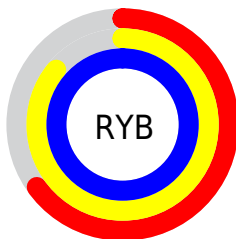
The CIELCh color **94, 34.725, 167.896** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 37.354, 355.727**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **74, 34.276, 168.497** is the 20% darker color. If you saturate the color by 10%, you get **93, 43.316, 166.913**, and if you desaturate by 10%, it is **95, 24.952, 169.340**.

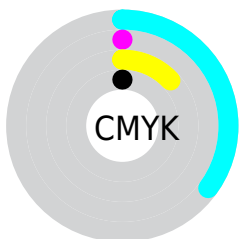
Distribution



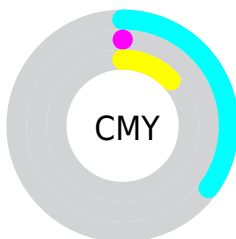
- Red (65%)
- Green (100%)
- Blue (87%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 34.725, 167.896 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, 34.725, 167.896 by changing the saturation by 10% instead.

 94, 34.725,
167.896


 94, 34.725,
167.896

 100, 34.725,
167.896


 84, 34.725,
167.896

 74, 34.725,
167.896

 64, 34.725,
167.896

 54, 34.725,
167.896

 44, 34.725,
167.896

 34, 34.725,
167.896

 24, 34.725,

167.896

■ 14, 34.725,
167.896

■ 4, 34.725, 167.896

■ 94, 34.725,
167.896

■ 94, 34.725,
167.896

■ 93, 43.316,
166.913

■ 95, 24.952,
169.340

■ 91, 51.523,
165.491

■ 97, 15.136,
170.396

■ 91, 58.868,
163.894

■ 99, 5.110, 171.424

■ 90, 65.242,
162.098

100, 0.012,
296.813

■ 89, 70.608,
160.090

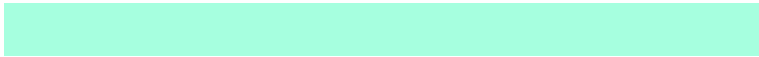
■ 89, 75.028,
157.875

■ 89, 76.970,
156.748

Harmonies

Complementary

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



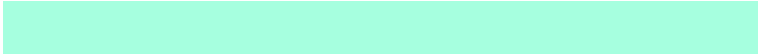
94, 34.725, 167.896



78, 37.354, 355.727

Rectangle

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



94, 34.725, 167.896



94, 34.725, 217.896



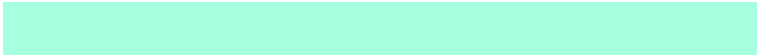
94, 34.725, 347.896



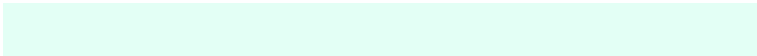
94, 34.725, 37.896

Sweetspot

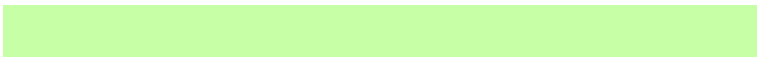
The Sweet Spot groups the original color and five complimentary colors.



94, 34.402, 168.188



98, 11.078, 170.808



94, 49.864, 131.927



52, 7.438, 170.671



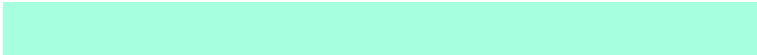
0, 0.000, 0.000



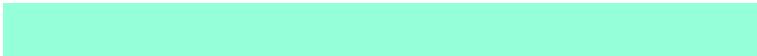
53, 0.007, 296.813

Same Dimension

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



94, 34.402, 168.188



93, 40.652, 167.319



91, 24.702, 212.553



52, 5.730, 170.959



69, 61.526, 157.177



23, 26.829, 160.325

Inverse Universe

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



78, 37.354, 355.727



74, 44.849, 356.813



79, 31.984, 33.135



50, 5.858, 352.613



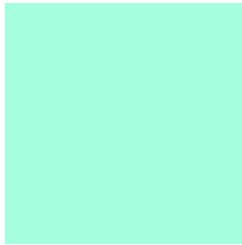
40, 68.950, 15.427



10, 31.291, 7.973

Previews

White Background



This preview shows how the CIE LCh color 94, 34.725, 167.896 looks on a white background.

Color Contrast Check

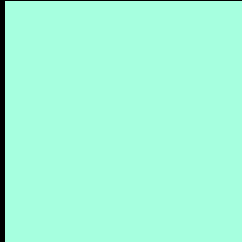
Large Text (above 18pt) WCAG AA × Fail

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, 34.725, 167.896 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, 34.725, 167.896

Background



This preview shows how black text looks on a background with the CIELCh color 94, 34.725, 167.896.

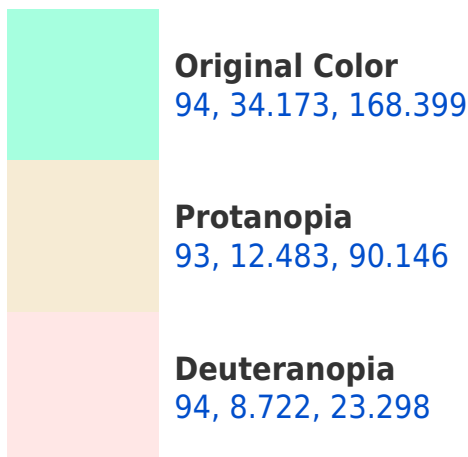


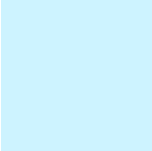
This preview shows how white text looks on a background with the CIELCh color 94, 34.725, 167.896.

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



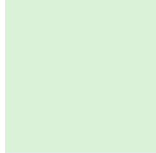


Tritanopia
94, 13.844, 225.378

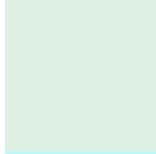
Trichromacy



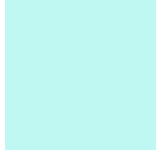
Original Color
94, 34.173, 168.399



Protanomaly
93, 16.188, 142.819

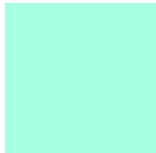


Deuteranomaly
93, 9.311, 152.930

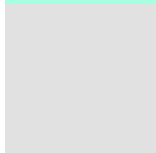


Tritanomaly
93, 18.789, 191.886

Monochromacy



Original Color
94, 34.173, 168.399



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.214, 170.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 34.725, 167.896 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(166, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(166, 255, 223)  
}
```

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(166, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 34.725, 167.896 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(166, 255, 223) }
```

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

```
.border{ border-color:rgb(166, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(166, 255,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 34.725, 167.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 223) }
```

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

```
.background{ background-color: rgb(166,  
255, 223) }
```

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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