

Converting Colors

CIELCh(94, 33.985, 167.226)

Have a look what the booklet for
CIELCh(94, 33.985, 167.226)
contains.

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Color

CIElCh(94, 33.967, 167.242)

Conversions

Conversions Part 1

Format	Color
Hex	A8FFDE
RGB	168, 255, 222
RGB Percent	66%, 100%, 87%
CMY	0.3404, 0.0000, 0.1287
CMYK	0.34, 0.00, 0.13, 0.00
HSL	157°, 100%, 83%
HSV	157°, 34%, 100%
XYZ	65.2187, 85.2715, 82.2597
YIQ	225.2250, -41.2590, -28.7070

Conversions

Conversions Part 2

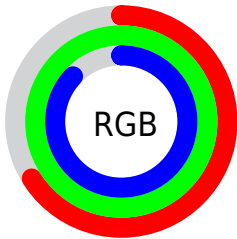
Format	Color
RYB	168, 222, 255
Decimal	11075550
CIELab	94.00, -33.13, 7.50
CIELCh	94, 33.967, 167.242
Yxy	85.2715, 0.2802, 0.3664
Android (android.graphics.Color)	4289265630 (0xFFA8FFDE)
YUV	225.2250, -1.5899, -50.1863
Hunter-Lab	92.3426, -35.5305, 11.8237

Details

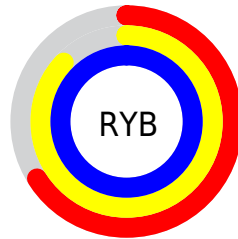
The CIELCh color **94, 33.967, 167.242** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 36.493, 354.545**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **74, 34.117, 167.348** is the 20% darker color. If you saturate the color by 10%, you get **93, 42.984, 166.071**, and if you desaturate by 10%, it is **95, 24.234, 168.475**.

Distribution



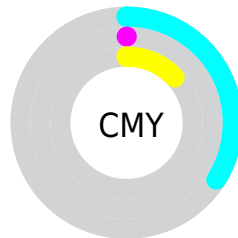
- Red (66%)
- Green (100%)
- Blue (87%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 33.967, 167.242 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, 33.967, 167.242 by changing the saturation by 10% instead.


 94, 33.967,
167.242


 94, 33.967,
167.242

 100, 33.967,
167.242


 84, 33.967,
167.242

 74, 33.967,
167.242

 64, 33.967,
167.242

 54, 33.967,
167.242

 44, 33.967,
167.242

 34, 33.967,
167.242

 24, 33.967,

167.242

■ 14, 33.967,
167.242

■ 4, 33.967, 167.242

■ 94, 33.967,
167.242

■ 94, 33.967,
167.242

■ 93, 42.984,
166.071

■ 95, 24.234,
168.475

■ 92, 51.425,
164.659

■ 97, 14.269,
169.521

■ 91, 59.025,
163.072

■ 99, 4.120, 170.559

■ 90, 65.667,
161.285

100, 0.012,
296.813

■ 89, 71.301,
159.284

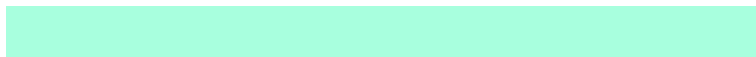
■ 89, 75.974,
157.075

■ 89, 78.424,
155.706

Harmonies

Complementary

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



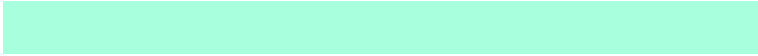
94, 33.967, 167.242



78, 36.493, 354.545

Rectangle

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



94, 33.967, 167.242



94, 33.967, 217.242



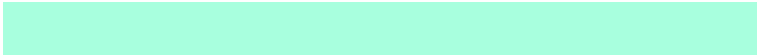
94, 33.967, 347.242



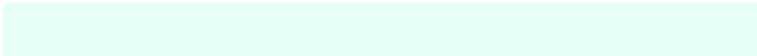
94, 33.967, 37.242

Sweetspot

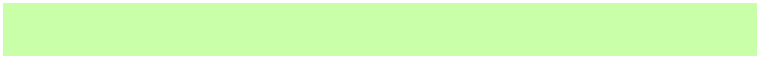
The Sweet Spot groups the original color and five complimentary colors.



94, 33.862, 167.335



98, 10.178, 169.928



95, 48.203, 131.442



52, 6.940, 169.787



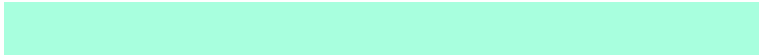
0, 0.000, 0.000



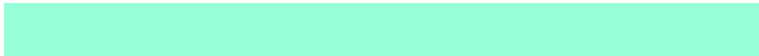
53, 0.007, 296.813

Same Dimension

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



94, 33.862, 167.335



93, 40.271, 166.470



92, 24.393, 210.462



52, 5.788, 169.978



69, 62.675, 156.138



23, 27.285, 159.310

Inverse Universe

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



78, 36.493, 354.545



74, 44.050, 355.594



80, 31.317, 31.608



50, 5.910, 351.621



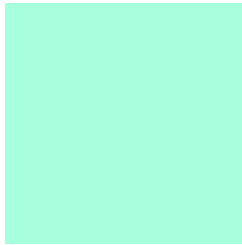
41, 68.655, 13.945



10, 31.282, 6.671

Previews

White Background



This preview shows how the CIE LCh color 94, 33.967, 167.242 looks on a white background.

Color Contrast Check

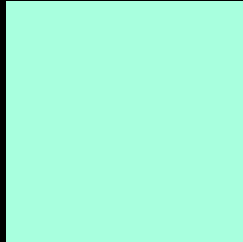
Large Text (above 18pt) WCAG AA × Fail

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, 33.967, 167.242 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, 33.967, 167.242

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.967, 167.242.

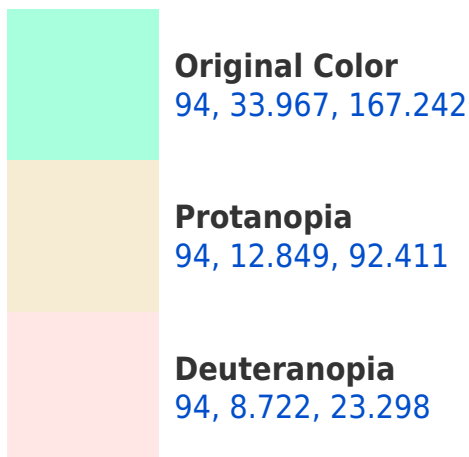


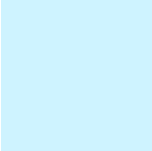
This preview shows how white text looks on a background with the CIELCh color 94, 33.967, 167.242.

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



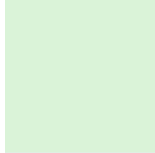


Tritanopia
94, 13.564, 225.988

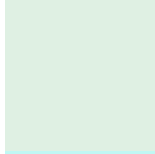
Trichromacy



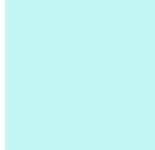
Original Color
94, 33.967, 167.242



Protanomaly
93, 16.608, 141.849



Deuteranomaly
93, 9.069, 151.365

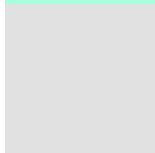


Tritanomaly
94, 18.483, 191.802

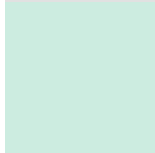
Monochromacy



Original Color
94, 33.967, 167.242



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.915, 169.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.967, 167.242 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.967, 167.242 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, 222) }
```

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

```
.border{ border-color:rgb(168, 255, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(168, 255,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.967, 167.242 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, 222) }
```

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

```
.background{ background-color: rgb(168,  
255, 222) }
```

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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