

Converting Colors

CIELCh(100, 46.353, 156.045)

Have a look what the booklet for
CIELCh(100, 46.353, 156.045)
contains.

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Color

CIELCh(94, 34.049, 162.276)

Conversions

Conversions Part 1

Format	Color
Hex	AEFFD9
RGB	174, 255, 217
RGB Percent	68%, 100%, 85%
CMY	0.3189, 0.0012, 0.1502
CMYK	0.32, 0.00, 0.15, 0.00
HSL	152°, 99%, 84%
HSV	152°, 32%, 100%
XYZ	65.5278, 85.2715, 78.4396
YIQ	226.4490, -36.0780, -28.9900

Conversions

Conversions Part 2

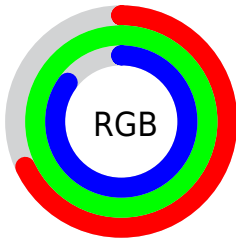
Format	Color
RYB	174, 227, 255
Decimal	11468761
CIELab	94.00, -32.43, 10.37
CIELCh	94, 34.049, 162.276
Yxy	85.2715, 0.2858, 0.3720
Android (android.graphics.Color)	4289658841 (0xFFFAE9FD9)
YUV	226.4490, -4.6584, -45.9978
Hunter-Lab	92.3426, -34.9330, 14.2765

Details

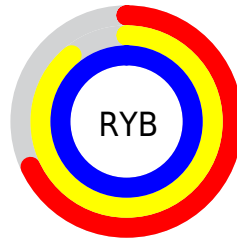
The CIELCh color **94, 34.049, 162.276** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 35.654, 348.495**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **74, 34.118, 162.104** is the 20% darker color. If you saturate the color by 10%, you get **93, 44.163, 161.052**, and if you desaturate by 10%, it is **96, 23.531, 163.367**.

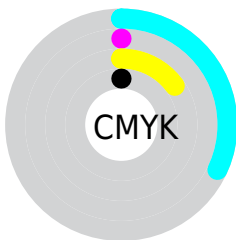
Distribution



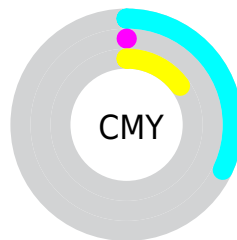
- Red (68%)
- Green (100%)
- Blue (85%)



- Red (68%)
- Yellow (89%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 34.049, 162.276 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, 34.049, 162.276 by changing the saturation by 10% instead.


 94, 34.049,
162.276


 94, 34.049,
162.276

 100, 34.049,
162.276


 84, 34.049,
162.276

 74, 34.049,
162.276

 64, 34.049,
162.276

 54, 34.049,
162.276

 44, 34.049,
162.276

 34, 34.049,
162.276

 24, 34.049,

162.276

■ 14, 34.049,
162.276

■ 4, 34.049, 162.276

■ 94, 34.049,
162.276

■ 94, 34.049,
162.276

■ 93, 44.163,
161.052

■ 96, 23.531,
163.367

■ 91, 53.681,
159.672

■ 97, 12.778,
164.358

■ 90, 62.424,
158.109

■ 100, 1.943,
165.457

■ 90, 70.241,
156.339

■ 100, 0.207,
322.950

■ 89, 77.045,
154.351

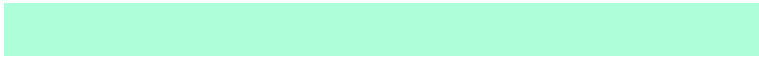
■ 89, 82.837,
152.153

■ 88, 86.970,
150.259

Harmonies

Complementary

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



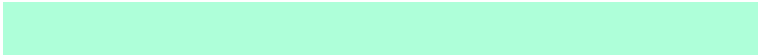
94, 34.049, 162.276



80, 35.654, 348.495

Rectangle

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



94, 34.049, 162.276



94, 34.049, 212.276



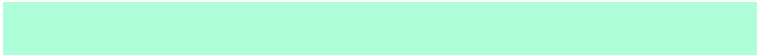
94, 34.049, 342.276



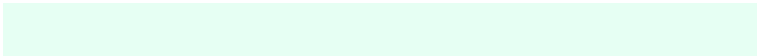
94, 34.049, 32.276

Sweetspot

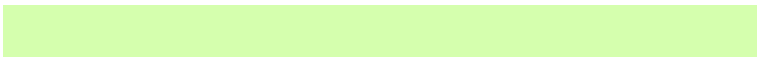
The Sweet Spot groups the original color and five complimentary colors.



94, 34.051, 162.275



98, 10.840, 164.530



95, 43.804, 128.161



52, 7.395, 164.396



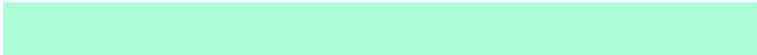
0, 0.000, 0.000



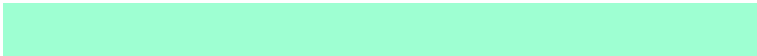
53, 0.007, 296.813

Same Dimension

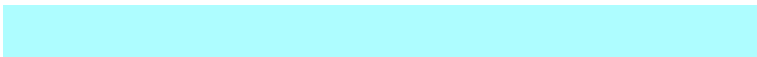
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 34.051, 162.275



93, 40.419, 161.534



95, 25.216, 199.452



52, 6.163, 164.577



68, 69.509, 150.692



23, 30.030, 153.929

Inverse Universe

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



80, 35.654, 348.495



76, 42.663, 349.281



79, 31.537, 23.383



50, 6.254, 346.130



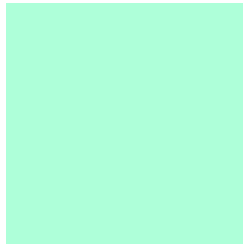
41, 68.026, 5.086



10, 31.611, 359.013

Previews

White Background



This preview shows how the CIE LCh color 94, 34.049, 162.276 looks on a white background.

Color Contrast Check

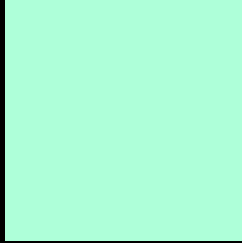
Large Text (above 18pt) WCAG AA × Fail

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, 34.049, 162.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

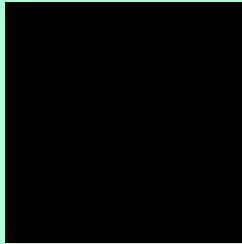
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 34.049, 162.276

Background



This preview shows how black text looks on a background with the CIELCh color 94, 34.049, 162.276.

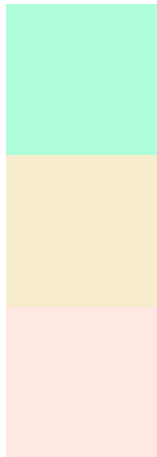


This preview shows how white text looks on a background with the CIELCh color 94, 34.049, 162.276.

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, 34.049, 162.276

Protanopia
94, 15.529, 92.176

Deuteranopia
94, 8.616, 33.635

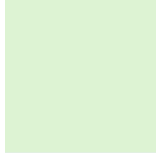


Tritanopia
94, 12.728, 227.983

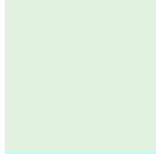
Trichromacy



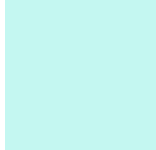
Original Color
94, 34.049, 162.276



Protanomaly
94, 18.315, 134.769

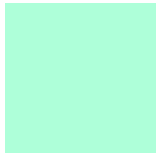


Deuteranomaly
93, 9.871, 142.430

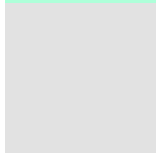


Tritanomaly
94, 17.490, 188.075

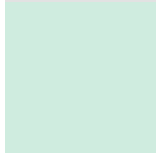
Monochromacy



Original Color
94, 34.049, 162.276



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.323, 165.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 34.049, 162.276 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(174, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 217)  
}
```

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(174, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 34.049, 162.276 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(174, 255, 217) }
```

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

```
.border{ border-color:rgb(174, 255, 217) }
```

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

Here you see how a box with a 4 pixel rgb(174, 255, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 34.049, 162.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 255, 217) }
```

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

```
.background{ background-color: rgb(174,  
255, 217) }
```

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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