

Converting Colors

CIELCh(94, 35.416, 160.576)

Have a look what the booklet for
CIELCh(94, 35.416, 160.576)
contains.

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Color

CIElCh(94, 35.311, 160.587)

Conversions

Conversions Part 1

Format	Color
Hex	ADFFD6
RGB	173, 255, 214
RGB Percent	68%, 100%, 84%
CMY	0.3215, 0.0000, 0.1607
CMYK	0.32, 0.00, 0.16, 0.00
HSL	150°, 100%, 84%
HSV	150°, 32%, 100%
XYZ	65.1411, 85.2715, 76.6540
YIQ	225.8080, -35.7110, -30.1350

Conversions

Conversions Part 2

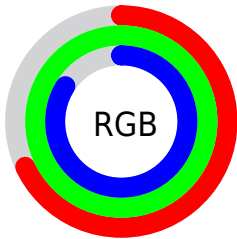
Format	Color
RYB	173, 228, 255
Decimal	11403222
CIELab	94.00, -33.30, 11.74
CIELCh	94, 35.311, 160.587
Yxy	85.2715, 0.2869, 0.3755
Android (android.graphics.Color)	4289593302 (0xFFADFFD6)
YUV	225.8080, -5.8213, -46.3126
Hunter-Lab	92.3426, -35.6806, 15.4229

Details

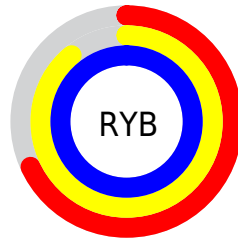
The CIELCh color **94, 35.311, 160.587** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 36.733, 346.730**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **74, 35.440, 160.322** is the 20% darker color. If you saturate the color by 10%, you get **93, 45.710, 159.376**, and if you desaturate by 10%, it is **96, 24.494, 161.675**.

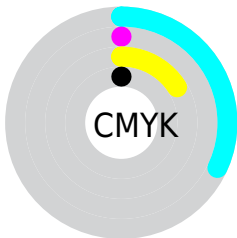
Distribution



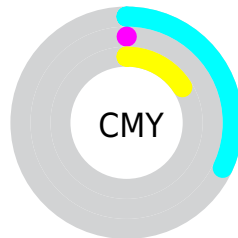
- Red (68%)
- Green (100%)
- Blue (84%)



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



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (32%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 35.311, 160.587 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, 35.311, 160.587 by changing the saturation by 10% instead.

 94, 35.311,
160.587


 94, 35.311,
160.587

 100, 35.311,
160.587


 84, 35.311,
160.587

 74, 35.311,
160.587

 64, 35.311,
160.587

 54, 35.311,
160.587

 44, 35.311,
160.587

 34, 35.311,
160.587

 24, 35.311,

160.587

■ 14, 35.311,
160.587

■ 4, 35.311, 160.587

■ 94, 35.311,
160.587

■ 94, 35.311,
160.587

■ 93, 45.710,
159.376

■ 96, 24.494,
161.675

■ 91, 55.528,
157.996

■ 97, 13.467,
162.652

■ 90, 64.569,
156.429

■ 100, 2.374,
163.686

■ 90, 72.675,
154.653

■ 100, 0.012,
296.813

■ 89, 79.752,
152.659

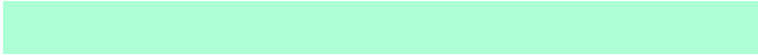
■ 89, 85.797,
150.461

■ 88, 89.947,
148.657

Harmonies

Complementary

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



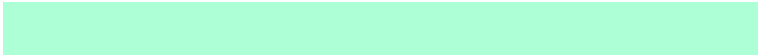
94, 35.311, 160.587



80, 36.733, 346.730

Rectangle

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



94, 35.311, 160.587



94, 35.311, 210.587



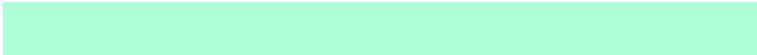
94, 35.311, 340.587



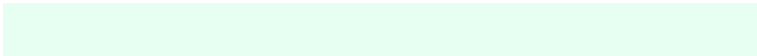
94, 35.311, 30.587

Sweetspot

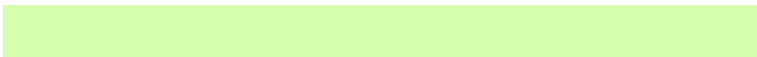
The Sweet Spot groups the original color and five complimentary colors.



94, 35.301, 160.593



98, 11.083, 162.853



96, 44.132, 127.552



52, 7.562, 162.722



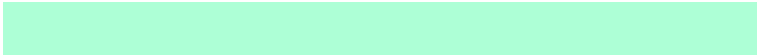
0, 0.000, 0.000



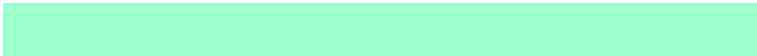
53, 0.007, 296.813

Same Dimension

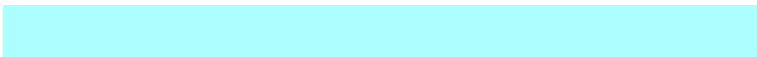
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 35.301, 160.593



93, 42.485, 159.775



95, 25.933, 197.818



52, 6.301, 162.900



68, 71.804, 149.089



23, 30.967, 152.321

Inverse Universe

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



80, 36.733, 346.730



76, 44.520, 347.565



79, 32.449, 22.224



50, 6.382, 344.414



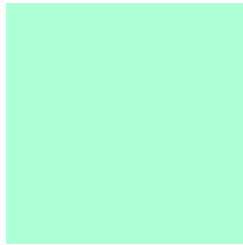
41, 68.246, 2.124



10, 31.868, 356.522

Previews

White Background



This preview shows how the CIE LCh color 94, 35.311, 160.587 looks on a white background.

Color Contrast Check

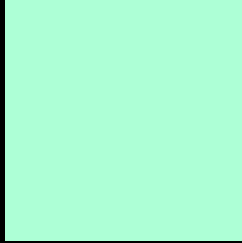
Large Text (above 18pt) WCAG AA × Fail

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, 35.311, 160.587 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, 35.311, 160.587

Background



This preview shows how black text looks on a background with the CIELCh color 94, 35.311, 160.587.

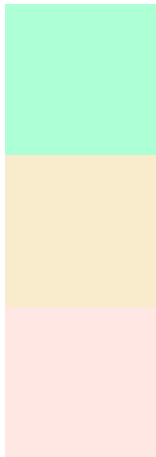


This preview shows how white text looks on a background with the CIELCh color 94, 35.311, 160.587.

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, 35.311, 160.587

Protanopia
94, 17.012, 93.486

Deuteranopia
94, 8.766, 36.860

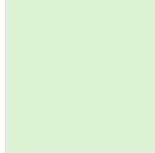


Tritanopia
94, 13.006, 227.289

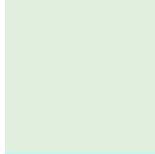
Trichromacy



Original Color
94, 35.311, 160.587



Protanomaly
93, 19.711, 132.812



Deuteranomaly
93, 10.753, 139.466

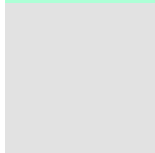


Tritanomaly
94, 17.940, 186.620

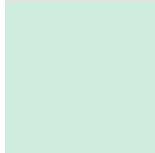
Monochromacy



Original Color
94, 35.311, 160.587



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.222, 162.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 35.311, 160.587 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(173, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 214)  
}
```

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(173, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 35.311, 160.587 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(173, 255, 214) }
```

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

```
.border{ border-color:rgb(173, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 35.311, 160.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 214) }
```

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

```
.background{ background-color: rgb(173,  
255, 214) }
```

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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