

Converting Colors

CIELCh(94, 38.765, 155.703)

Have a look what the booklet for
CIELCh(94, 38.765, 155.703)
contains.

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Color

CIELCh(94, 38.158, 155.870)

Conversions

Conversions Part 1

Format	Color
Hex	ADFFCE
RGB	173, 255, 206
RGB Percent	68%, 100%, 81%
CMY	0.3196, 0.0000, 0.1902
CMYK	0.32, 0.00, 0.19, 0.00
HSL	144°, 100%, 84%
HSV	144°, 32%, 100%
XYZ	64.4695, 85.2715, 71.7689
YIQ	224.8960, -33.1430, -32.6230

Conversions

Conversions Part 2

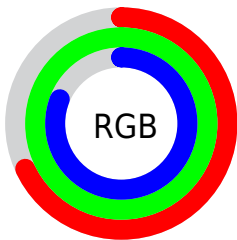
Format	Color
RYB	173, 231, 255
Decimal	11403214
CIELab	94.00, -34.82, 15.60
CIELCh	94, 38.158, 155.870
Yxy	85.2715, 0.2910, 0.3850
Android (android.graphics.Color)	4289593294 (0xFFADFFCE)
YUV	224.8960, -9.3157, -45.5128
Hunter-Lab	92.3426, -36.9788, 18.5595

Details

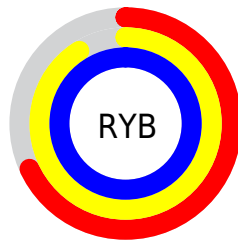
The CIELCh color **94, 38.158, 155.870** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 38.741, 341.563**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **74, 38.075, 156.007** is the 20% darker color. If you saturate the color by 10%, you get **92, 49.232, 154.829**, and if you desaturate by 10%, it is **96, 26.126, 157.030**.

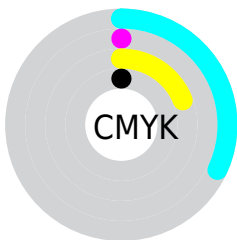
Distribution



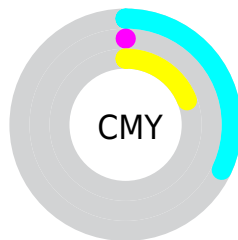
- Red (68%)
- Green (100%)
- Blue (81%)



- Red (68%)
- Yellow (91%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 38.158, 155.870 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, 38.158, 155.870 by changing the saturation by 10% instead.

 94, 38.158,
155.870


 94, 38.158,
155.870

 100, 38.158,
155.870

 84, 38.158,
155.870

 74, 38.158,
155.870

 64, 38.158,
155.870

 54, 38.158,
155.870

 44, 38.158,
155.870

 34, 38.158,
155.870

 24, 38.158,

155.870

■ 14, 38.158,
155.870

■ 4, 38.158, 155.870

■ 94, 38.158,
155.870

■ 94, 38.158,
155.870

■ 92, 49.232,
154.829

■ 96, 26.126,
157.030

■ 91, 60.036,
153.488

■ 97, 14.225,
157.946

■ 90, 70.057,
151.955

■ 100, 2.317,
158.906

■ 89, 79.106,
150.216

■ 100, 0.012,
296.813

■ 89, 87.051,
148.269

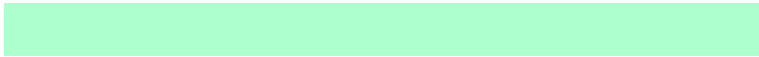
■ 88, 93.848,
146.142

■ 88, 98.573,
144.381

Harmonies

Complementary

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



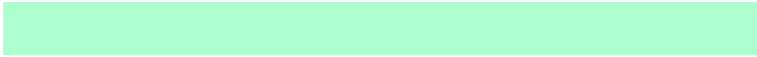
94, 38.158, 155.870



80, 38.741, 341.563

Rectangle

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



94, 38.158, 155.870



94, 38.158, 205.870



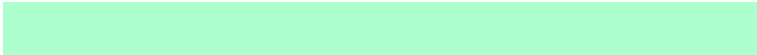
94, 38.158, 335.870



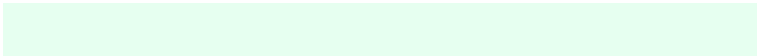
94, 38.158, 25.870

Sweetspot

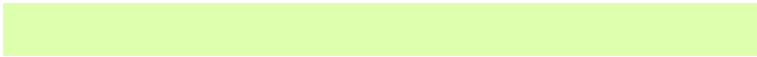
The Sweet Spot groups the original color and five complimentary colors.



94, 37.858, 156.001



98, 11.886, 158.116



96, 42.839, 123.864



52, 8.113, 157.994



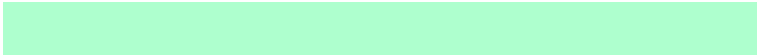
0, 0.000, 0.000



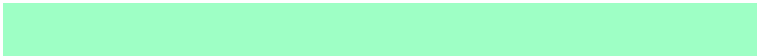
53, 0.007, 296.813

Same Dimension

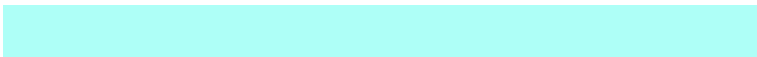
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 37.858, 156.001



93, 44.783, 155.312



95, 26.677, 188.650



52, 6.756, 158.159



68, 78.679, 144.792



23, 33.837, 147.931

Inverse Universe

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



80, 38.741, 341.563



76, 45.952, 342.182



79, 31.914, 14.568



50, 6.814, 339.551



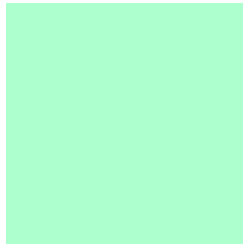
42, 70.210, 353.401



11, 33.073, 349.303

Previews

White Background



This preview shows how the CIELCh color 94, 38.158, 155.870 looks on a white background.

Color Contrast Check

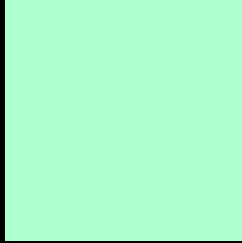
Large Text (above 18pt) WCAG AA × Fail

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, 38.158, 155.870 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, 38.158, 155.870

Background



This preview shows how black text looks on a background with the CIELCh color 94, 38.158, 155.870.



This preview shows how white text looks on a background with the CIELCh color 94, 38.158, 155.870.

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



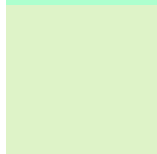


Tritanopia
94, 13.006, 227.289

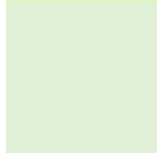
Trichromacy



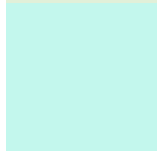
Original Color
94, 38.158, 155.870



Protanomaly
93, 23.370, 127.851



Deuteranomaly
93, 13.046, 133.807



Tritanomaly
94, 18.440, 181.945

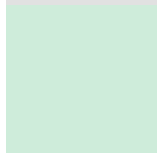
Monochromacy



Original Color
94, 38.158, 155.870



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 14.252, 157.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 38.158, 155.870 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 38.158, 155.870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

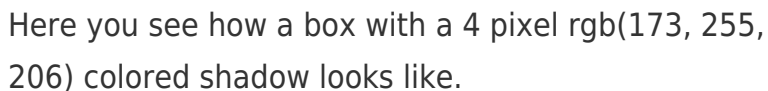
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 255, 206) }
```

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

```
.border{ border-color:rgb(173, 255, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 38.158, 155.870 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, 206) }
```

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

```
.background{ background-color: rgb(173,  
255, 206) }
```

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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