

Converting Colors

CIELCh(94, 39.844, 155.490)

Have a look what the booklet for
CIELCh(94, 39.844, 155.490)
contains.

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Color

CIELCh(94, 38.995, 155.888)

Conversions

Conversions Part 1

Format	Color
Hex	ACFFCE
RGB	172, 255, 206
RGB Percent	67%, 100%, 81%
CMY	0.3261, 0.0000, 0.1928
CMYK	0.33, 0.00, 0.19, 0.00
HSL	145°, 100%, 84%
HSV	145°, 33%, 100%
XYZ	64.1316, 85.2715, 71.3602
YIQ	224.5970, -33.7390, -32.8350

Conversions

Conversions Part 2

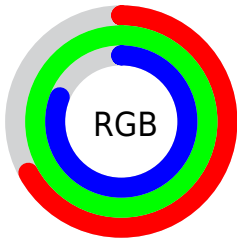
Format	Color
RYB	172, 231, 255
Decimal	11337678
CIELab	94.00, -35.59, 15.93
CIELCh	94, 38.995, 155.888
Yxy	85.2715, 0.2905, 0.3863
Android (android.graphics.Color)	4289527758 (0xFFACFFCE)
YUV	224.5970, -9.1683, -46.1276
Hunter-Lab	92.3426, -37.6320, 18.8219

Details

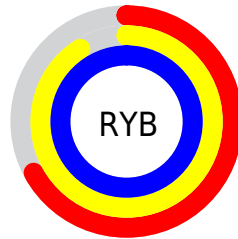
The CIELCh color **94, 38.995, 155.888** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 39.430, 341.825**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **74, 38.306, 156.275** is the 20% darker color. If you saturate the color by 10%, you get **92, 49.800, 154.920**, and if you desaturate by 10%, it is **95, 26.819, 157.144**.

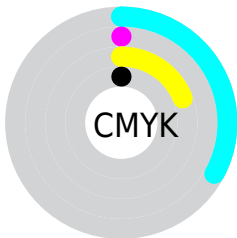
Distribution



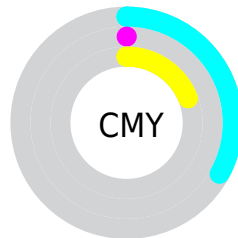
- Red (67%)
- Green (100%)
- Blue (81%)



- Red (67%)
- Yellow (91%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 38.995, 155.888 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, 38.995, 155.888 by changing the saturation by 10% instead.

■ 94, 38.995,
155.888

■ 94, 38.995,
155.888

■ 100, 38.995,
155.888

■ 84, 38.995,
155.888

■ 74, 38.995,
155.888

■ 64, 38.995,
155.888

■ 54, 38.995,
155.888

■ 44, 38.995,
155.888

■ 34, 38.995,
155.888

■ 24, 38.995,

155.888

■ 14, 38.995,
155.888

■ 4, 38.995, 155.888

■ 94, 38.995,
155.888

■ 94, 38.995,
155.888

■ 92, 49.800,
154.920

■ 95, 26.819,
157.144

■ 91, 60.520,
153.565

■ 97, 14.961,
158.068

■ 90, 70.444,
152.018

■ 99, 3.084, 158.992

■ 89, 79.389,
150.262

100, 0.012,
296.813

■ 89, 87.228,
148.299

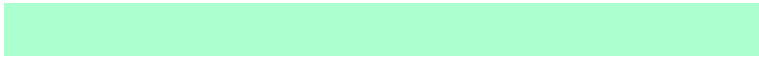
■ 88, 93.927,
146.158

■ 88, 98.235,
144.537

Harmonies

Complementary

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



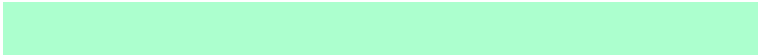
94, 38.995, 155.888



80, 39.430, 341.825

Rectangle

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



94, 38.995, 155.888



94, 38.995, 205.888



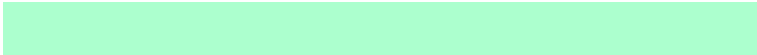
94, 38.995, 335.888



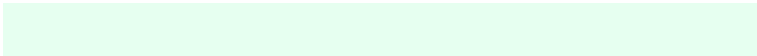
94, 38.995, 25.888

Sweetspot

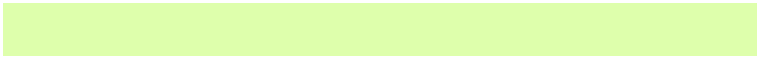
The Sweet Spot groups the original color and five complimentary colors.



94, 38.496, 156.104



98, 11.852, 158.297



96, 43.698, 123.830



52, 8.089, 158.174



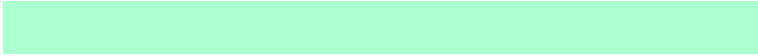
0, 0.000, 0.000



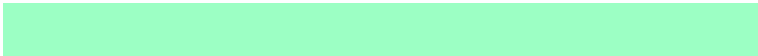
53, 0.007, 296.813

Same Dimension

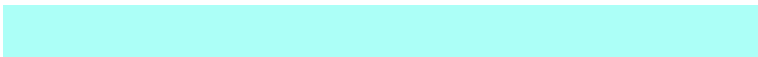
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 38.496, 156.104



93, 45.770, 155.366



95, 27.162, 188.597



52, 6.737, 158.340



68, 78.408, 144.949



23, 33.722, 148.094

Inverse Universe

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



80, 39.430, 341.825



76, 47.013, 342.490



78, 32.627, 14.666



50, 6.795, 339.737



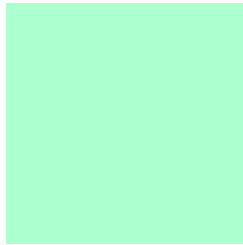
42, 70.095, 353.740



11, 33.013, 349.581

Previews

White Background



This preview shows how the CIE LCh color 94, 38.995, 155.888 looks on a white background.

Color Contrast Check

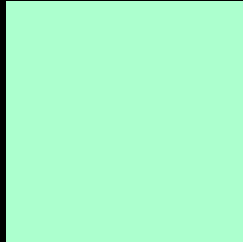
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 38.995, 155.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

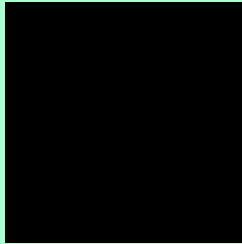
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

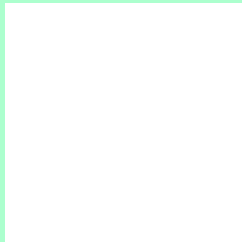
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 38.995, 155.888

Background



This preview shows how black text looks on a background with the CIELCh color 94, 38.995, 155.888.

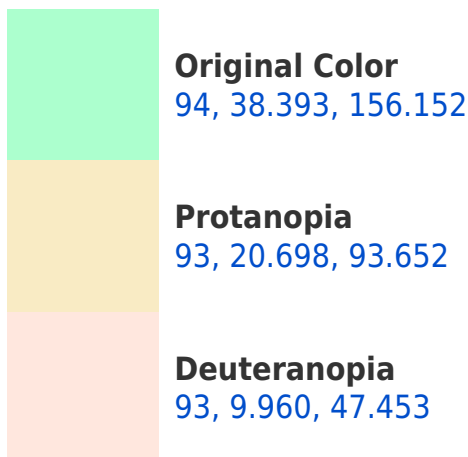


This preview shows how white text looks on a background with the CIELCh color 94, 38.995, 155.888.

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



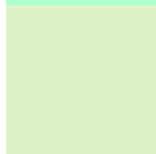


Tritanopia
94, 13.284, 226.624

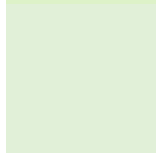
Trichromacy



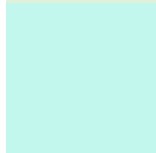
Original Color
94, 38.393, 156.152



Protanomaly
93, 22.908, 128.282

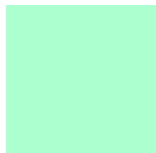


Deuteranomaly
93, 13.516, 132.900

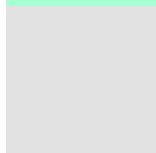


Tritanomaly
93, 18.744, 182.192

Monochromacy



Original Color
94, 38.393, 156.152



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, 38.995, 155.888 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(172, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 38.995, 155.888 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(172, 255, 206) }
```

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

```
.border{ border-color:rgb(172, 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(172, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 38.995, 155.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 206) }
```

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

```
.background{ background-color: rgb(172,  
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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