

Converting Colors

CIELCh(93, 49.807, 152.043)

Have a look what the booklet for
CIELCh(93, 49.807, 152.043)
contains.

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Color

CIElCh(93, 49.209, 152.222)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFBD
RGB	155, 255, 189
RGB Percent	61%, 100%, 74%
CMY	0.3914, 0.0000, 0.2582
CMYK	0.39, 0.00, 0.26, 0.00
HSL	140°, 100%, 80%
HSV	140°, 39%, 100%
XYZ	58.9036, 82.9670, 61.1365
YIQ	217.5760, -38.4140, -41.7260

Conversions

Conversions Part 2

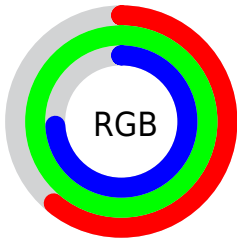
Format	Color
RYB	155, 230, 255
Decimal	10223549
CIELab	93.00, -43.54, 22.93
CIELCh	93, 49.209, 152.222
Yxy	82.9670, 0.2902, 0.4087
Android (android.graphics.Color)	4288413629 (0xFF9BFFBD)
YUV	217.5760, -14.0880, -54.8792
Hunter-Lab	91.0862, -43.9686, 23.9653

Details

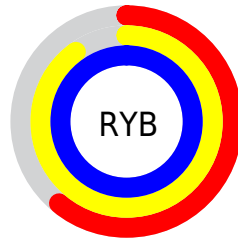
The CIELCh color **93, 49.209, 152.222** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 49.301, 339.098**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.294, 178.885**, and **73, 48.898, 152.101** is the 20% darker color. If you saturate the color by 10%, you get **91, 60.155, 151.165**, and if you desaturate by 10%, it is **94, 36.365, 153.519**.

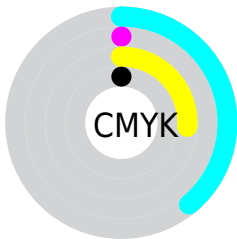
Distribution



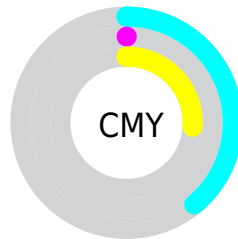
- Red (61%)
- Green (100%)
- Blue (74%)



- Red (61%)
- Yellow (90%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 49.209, 152.222 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 93, 49.209, 152.222 by changing the saturation by 10% instead.

 93, 49.209,
152.222

 93, 49.209,
152.222

 100, 49.209,
152.222

 83, 49.209,
152.222

 73, 49.209,
152.222

 63, 49.209,
152.222

 53, 49.209,
152.222

 43, 49.209,
152.222

 33, 49.209,
152.222

 23, 49.209,

152.222

■ 13, 49.209,
152.222

■ 3, 49.209, 152.222

■ 93, 49.209,
152.222

■ 93, 49.209,
152.222

■ 91, 60.155,
151.165

■ 94, 36.365,
153.519

■ 90, 71.050,
149.721

■ 96, 23.928,
154.476

■ 89, 80.974,
148.079

■ 98, 11.397,
155.326

■ 89, 89.741,
146.242

■ 100, 0.012,
296.813

■ 88, 97.238,
144.242

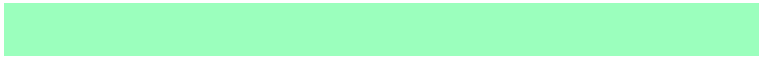
■ 88, 103.479,
142.174

■ 88, 103.973,
142.007

Harmonies

Complementary

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



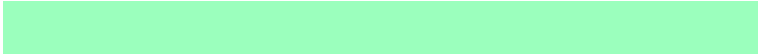
93, 49.209, 152.222



76, 49.301, 339.098

Rectangle

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



93, 49.209, 152.222



93, 49.209, 202.222



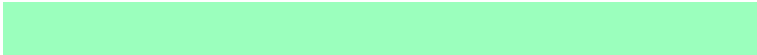
93, 49.209, 332.222



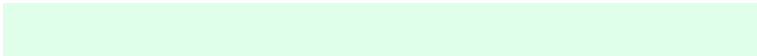
93, 49.209, 22.222

Sweetspot

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



93, 48.515, 152.424



97, 14.976, 155.091



96, 51.453, 120.874



52, 9.938, 154.982



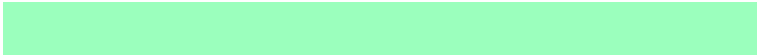
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

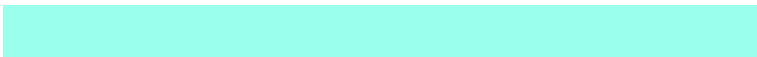
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 48.515, 152.424



92, 57.715, 151.449



94, 33.042, 182.213



52, 7.088, 155.296



68, 83.014, 142.392



23, 35.722, 145.395

Inverse Universe

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



76, 49.301, 339.098



72, 58.583, 339.871



75, 39.839, 10.655



50, 7.132, 336.608



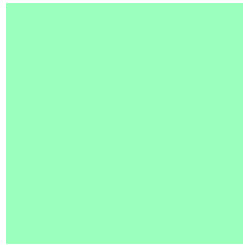
42, 72.529, 348.024



11, 34.203, 344.890

Previews

White Background



This preview shows how the CIE LCh color 93, 49.209, 152.222 looks on a white background.

Color Contrast Check

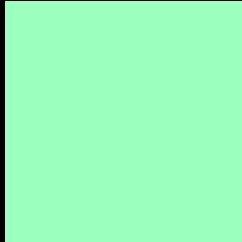
Large Text (above 18pt) WCAG AA × Fail

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 93, 49.209, 152.222 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

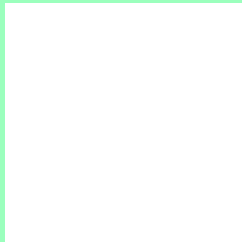
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 49.209, 152.222

Background



This preview shows how black text looks on a background with the CIELCh color 93, 49.209, 152.222.

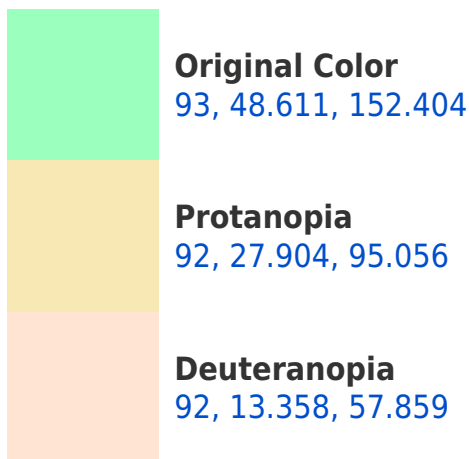



This preview shows how white text looks on a background with the CIELCh color 93, 49.209, 152.222.

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



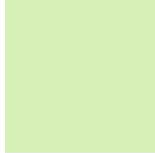


Tritanopia
92, 16.720, 224.332

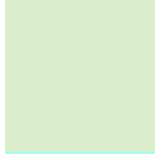
Trichromacy



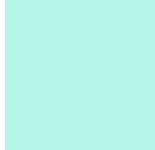
Original Color
93, 48.611, 152.404



Protanomaly
92, 30.795, 126.387



Deuteranomaly
92, 18.747, 129.461

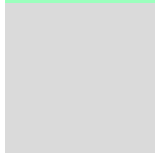


Tritanomaly
92, 23.613, 178.644

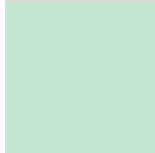
Monochromacy



Original Color
93, 48.611, 152.404



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 17.690, 155.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 49.209, 152.222 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(155, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 189)  
}
```

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(155, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 49.209, 152.222 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(155, 255, 189) }
```

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

```
.border{ border-color:rgb(155, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 49.209, 152.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 189) }
```

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

```
.background{ background-color: rgb(155,  
255, 189) }
```

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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