

Converting Colors

CIELCh(100, 55.768, 148.801)

Have a look what the booklet for
CIELCh(100, 55.768, 148.801)
contains.

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Color

CIElCh(93, 42.238, 152.169)

Conversions

Conversions Part 1

Format	Color
Hex	A9FEC4
RGB	169, 254, 196
RGB Percent	66%, 100%, 77%
CMY	0.3387, 0.0056, 0.2328
CMYK	0.34, 0.00, 0.23, 0.01
HSL	139°, 97%, 83%
HSV	139°, 34%, 99%
XYZ	61.5053, 82.9670, 64.7795
YIQ	221.9730, -32.0420, -36.0580

Conversions

Conversions Part 2

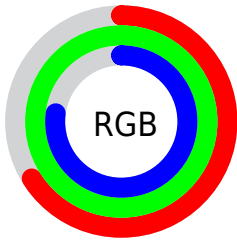
Format	Color
RYB	169, 234, 254
Decimal	11140804
CIELab	93.00, -37.35, 19.72
CIELCh	93, 42.238, 152.169
Yxy	82.9670, 0.2939, 0.3965
Android (android.graphics.Color)	4289330884 (0xFFA9FEC4)
YUV	221.9730, -12.8047, -46.4573
Hunter-Lab	91.0862, -38.8702, 21.5940

Details

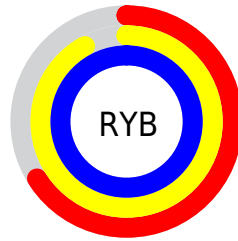
The CIELCh color **93, 42.238, 152.169** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 42.790, 337.566**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.952, 192.936**, and **73, 42.346, 152.026** is the 20% darker color. If you saturate the color by 10%, you get **92, 54.367, 151.017**, and if you desaturate by 10%, it is **95, 29.734, 153.170**.

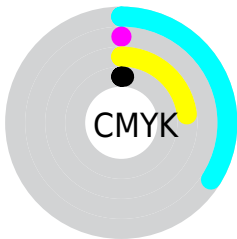
Distribution



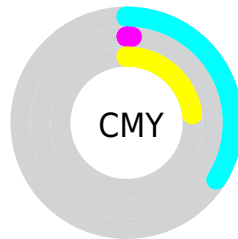
- Red (66%)
- Green (100%)
- Blue (77%)



- Red (66%)
- Yellow (92%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)





- Cyan (34%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 42.238, 152.169 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, 42.238, 152.169 by changing the saturation by 10% instead.


 93, 42.238,
152.169


 93, 42.238,
152.169


 100, 42.238,
152.169


 83, 42.238,
152.169

 73, 42.238,
152.169

 63, 42.238,
152.169

 53, 42.238,
152.169

 43, 42.238,
152.169

 33, 42.238,
152.169

 23, 42.238,

152.169

■ 13, 42.238,
152.169

■ 3, 42.238, 152.169

■ 93, 42.238,
152.169

■ 93, 42.238,
152.169

■ 92, 54.367,
151.017

■ 95, 29.734,
153.170

■ 90, 65.879,
149.692

■ 97, 17.062,
154.048

■ 89, 76.532,
148.178

■ 99, 4.396, 154.875

■ 89, 86.103,
146.469

100, 0.899,
324.129

■ 88, 94.419,
144.585

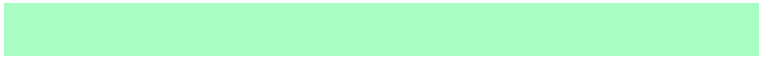
■ 88, 101.387,
142.579

■ 88, 105.243,
141.290

Harmonies

Complementary

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



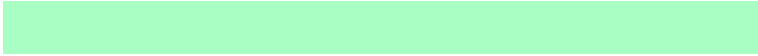
93, 42.238, 152.169



79, 42.790, 337.566

Rectangle

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



93, 42.238, 152.169



93, 42.238, 202.169



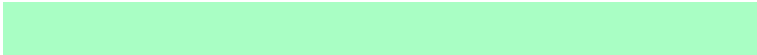
93, 42.238, 332.169



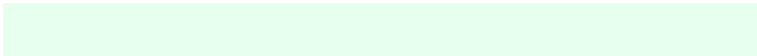
93, 42.238, 22.169

Sweetspot

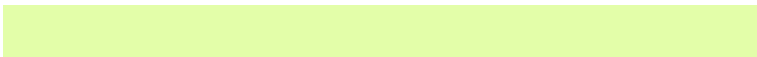
The Sweet Spot groups the original color and five complimentary colors.



93, 42.240, 152.169



98, 12.677, 154.333



96, 43.900, 120.512



52, 8.655, 154.219



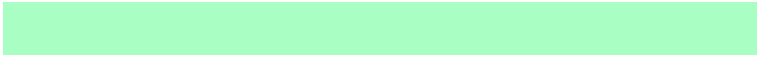
0, 0.000, 0.000



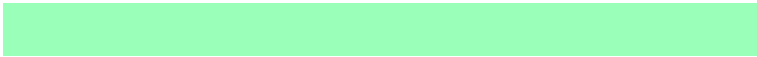
53, 0.007, 296.813

Same Dimension

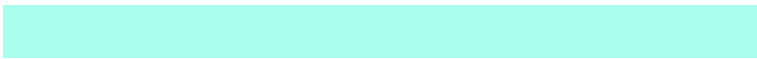
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 42.240, 152.169



92, 50.408, 151.437



94, 28.941, 181.413



52, 7.206, 154.373



68, 84.416, 141.657



23, 36.351, 144.599

Inverse Universe

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



79, 42.790, 337.566



76, 51.078, 338.142



78, 33.624, 8.434



50, 7.246, 335.658



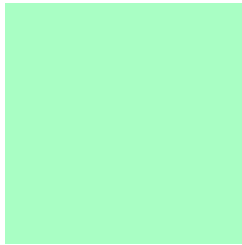
42, 73.485, 346.296



11, 34.641, 343.470

Previews

White Background



This preview shows how the CIE LCh color 93, 42.238, 152.169 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 93, 42.238, 152.169 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, 42.238, 152.169

Background



This preview shows how black text looks on a background with the CIELCh color 93, 42.238, 152.169.

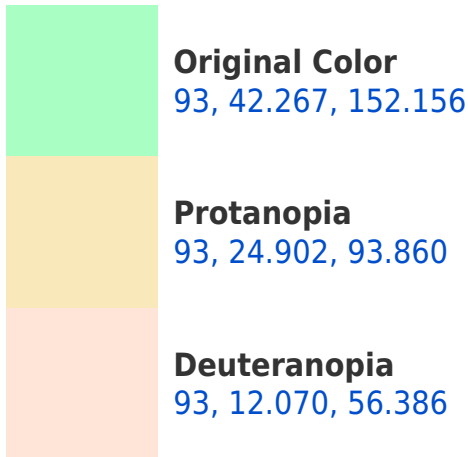


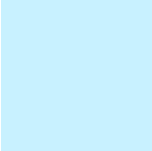
This preview shows how white text looks on a background with the CIELCh color 93, 42.238, 152.169.

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



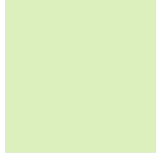


Tritanopia
93, 15.086, 227.449

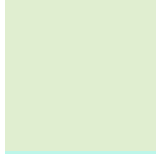
Trichromacy



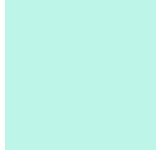
Original Color
93, 42.267, 152.156



Protanomaly
92, 26.697, 124.451

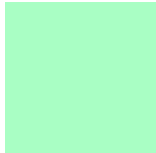


Deuteranomaly
92, 16.283, 127.321

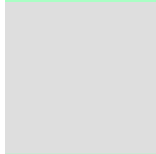


Tritanomaly
93, 20.551, 178.963

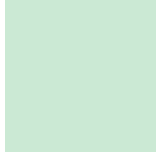
Monochromacy



Original Color
93, 42.267, 152.156



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 15.395, 153.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 42.238, 152.169 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(169, 254, 196)` looks like.

```
.text, #text, p{  
    color:rgb(169, 254, 196)  
}
```

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(169, 254, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 254, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 42.238, 152.169 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(169, 254, 196) }
```

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

```
.border{ border-color:rgb(169, 254, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 254, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 254, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 254, 196);  
box-shadow:4px 4px 4px 4px rgb(169, 254,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 42.238, 152.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 254, 196) }
```

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

```
.background{ background-color: rgb(169,  
254, 196) }
```

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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