

Converting Colors

CIELCh(100, 70.514, 141.778)

Have a look what the booklet for
CIELCh(100, 70.514, 141.778)
contains.

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Color

CIELCh(93, 55.976, 142.362)

Conversions

Conversions Part 1

Format	Color
Hex	A5FFA7
RGB	165, 255, 167
RGB Percent	65%, 100%, 65%
CMY	0.3529, 0.0000, 0.3453
CMYK	0.35, 0.00, 0.35, 0.00
HSL	121°, 100%, 82%
HSV	121°, 35%, 100%
XYZ	58.5774, 82.9670, 49.4652
YIQ	218.0580, -25.3920, -46.4480

Conversions

Conversions Part 2

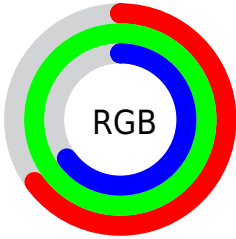
Format	Color
RYB	165, 253, 255
Decimal	10878887
CIELab	93.00, -44.33, 34.18
CIELCh	93, 55.976, 142.362
Yxy	82.9670, 0.3067, 0.4344
Android (android.graphics.Color)	4289068967 (0xFFA5FFA7)
YUV	218.0580, -25.1716, -46.5319
Hunter-Lab	91.0862, -44.6078, 31.5624

Details

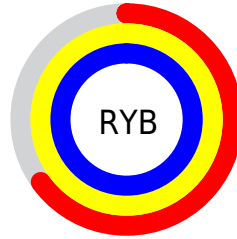
The CIELCh color **93, 55.976, 142.362** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **79, 55.327, 326.970**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 19.999, 143.690**, and **73, 55.626, 142.388** is the 20% darker color. If you saturate the color by 10%, you get **91, 70.326, 141.365**, and if you desaturate by 10%, it is **94, 39.842, 143.297**.

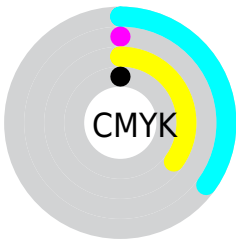
Distribution



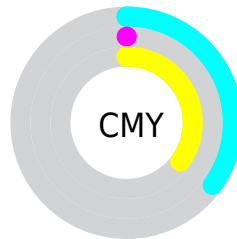
- Red (65%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (99%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 55.976, 142.362 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, 55.976, 142.362 by changing the saturation by 10% instead.


 93, 55.976,
142.362


 93, 55.976,
142.362


 100, 55.976,
142.362


 83, 55.976,
142.362

 73, 55.976,
142.362

 63, 55.976,
142.362


 53, 55.976,
142.362

 43, 55.976,
142.362


 33, 55.976,
142.362


 23, 55.976,


142.362


 13, 55.976,
142.362

 3, 55.976, 142.362


 93, 55.976,
142.362


 93, 55.976,
142.362

 91, 70.326,
141.365


 94, 39.842,
143.297

 90, 84.228,
140.227

 96, 24.048,
144.075

 89, 96.564,
139.033

 99, 8.269, 144.758

 88, 106.733,
137.884

100, 0.012,
296.813

■ 88, 114.139,
136.921

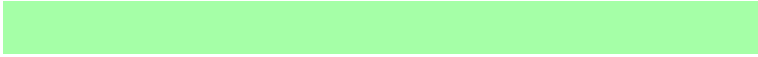
■ 88, 118.402,
136.284

■ 88, 119.434,
136.134

Harmonies

Complementary

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



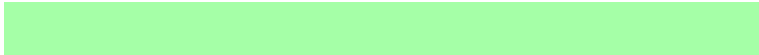
93, 55.976, 142.362



79, 55.327, 326.970

Rectangle

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



93, 55.976, 142.362



93, 55.976, 192.362



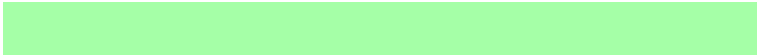
93, 55.976, 322.362



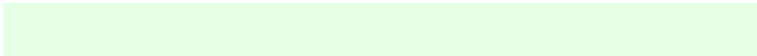
93, 55.976, 12.362

Sweetspot

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



93, 55.384, 142.395



97, 17.257, 144.376



98, 44.961, 107.491



52, 11.604, 144.283



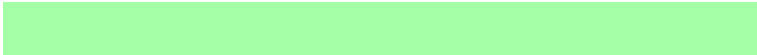
0, 0.000, 0.000



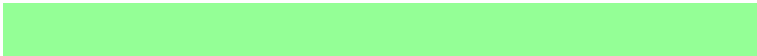
53, 0.007, 296.813

Same Dimension

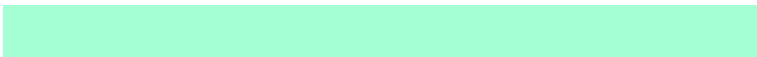
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 55.384, 142.395



92, 65.495, 141.718



94, 38.112, 161.096



52, 8.910, 144.477



68, 96.077, 136.185



22, 43.345, 137.184

Inverse Universe

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



79, 55.327, 326.970



76, 65.310, 327.316



78, 39.949, 348.076



50, 8.924, 325.535



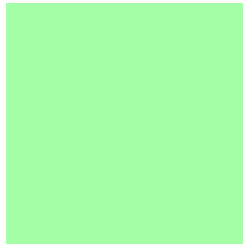
45, 91.506, 329.118



12, 42.184, 329.010

Previews

White Background



This preview shows how the CIE LCh color 93, 55.976, 142.362 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, 55.976, 142.362 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, 55.976, 142.362

Background



This preview shows how black text looks on a background with the CIELCh color 93, 55.976, 142.362.

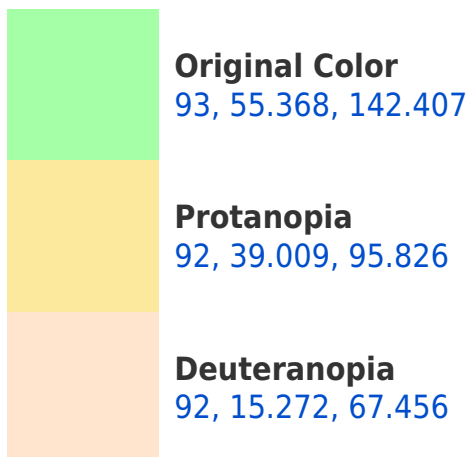


This preview shows how white text looks on a background with the CIELCh color 93, 55.976, 142.362.

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



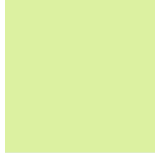


Tritanopia
92, 15.575, 228.667

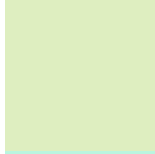
Trichromacy



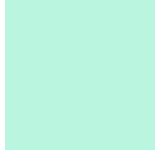
Original Color
93, 55.368, 142.407



Protanomaly
92, 41.366, 118.326

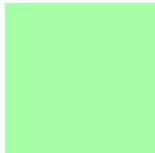


Deuteranomaly
92, 24.356, 122.545

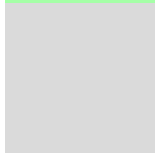


Tritanomaly
92, 23.410, 168.796

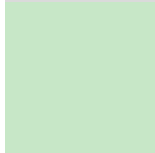
Monochromacy



Original Color
93, 55.368, 142.407



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 20.389, 143.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 55.976, 142.362 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(165, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 167)  
}
```

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(165, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 55.976, 142.362 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(165, 255, 167) }
```

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

```
.border{ border-color:rgb(165, 255, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 255, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 55.976, 142.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 167) }
```

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

```
.background{ background-color: rgb(165,  
255, 167) }
```

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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