

Converting Colors

CIELCh(92, 63.519, 143.546)

Have a look what the booklet for
CIELCh(92, 63.519, 143.546)
contains.

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Color

CIELCh(92, 62.927, 143.614)

Conversions

Conversions Part 1

Format	Color
Hex	94FF9E
RGB	148, 255, 158
RGB Percent	58%, 100%, 62%
CMY	0.4208, 0.0000, 0.3817
CMYK	0.42, 0.00, 0.38, 0.00
HSL	126°, 100%, 79%
HSV	126°, 42%, 100%
XYZ	54.2911, 80.7044, 44.9112
YIQ	211.9490, -32.6350, -52.8510

Conversions

Conversions Part 2

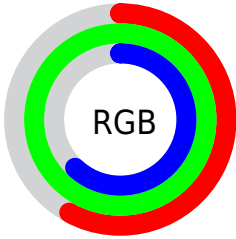
Format	Color
RYB	148, 246, 255
Decimal	9764766
CIELab	92.00, -50.66, 37.33
CIELCh	92, 62.927, 143.614
Yxy	80.7044, 0.3018, 0.4486
Android (android.graphics.Color)	4287954846 (0xFF94FF9E)
YUV	211.9490, -26.5969, -56.0833
Hunter-Lab	89.8356, -49.3380, 33.2443

Details

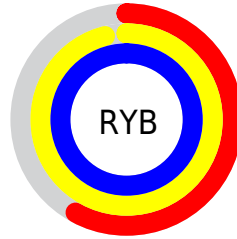
The CIELCh color **92, 62.927, 143.614** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 62.378, 329.513**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 27.794, 147.306**, and **72, 62.818, 143.603** is the 20% darker color. If you saturate the color by 10%, you get **91, 76.258, 142.489**, and if you desaturate by 10%, it is **93, 48.024, 144.671**.

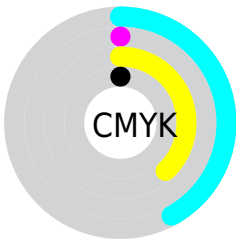
Distribution



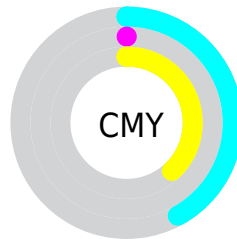
- Red (58%)
- Green (100%)
- Blue (62%)



- Red (58%)
- Yellow (96%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 62.927, 143.614 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 92, 62.927, 143.614 by changing the saturation by 10% instead.


 92, 62.927,
143.614


 92, 62.927,
143.614


 100, 62.927,
143.614


 82, 62.927,
143.614

 72, 62.927,
143.614

 62, 62.927,
143.614

 52, 62.927,
143.614

 42, 62.927,
143.614

 32, 62.927,
143.614

 22, 62.927,

143.614

■ 12, 62.927,
143.614

■ 2, 62.927, 143.614

■ 92, 62.927,
143.614

■ 92, 62.927,
143.614

■ 91, 76.258,
142.489

■ 93, 48.024,
144.671

■ 89, 88.815,
141.205

■ 95, 33.104,
145.553

■ 89, 99.743,
139.848

■ 97, 18.048,
146.314

■ 88, 108.570,
138.514

■ 99, 3.074, 147.045

100, 0.012,

■ 88, 114.877,
137.334

296.813

■ 88, 117.986,
136.636

Harmonies

Complementary

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



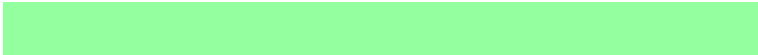
92, 62.927, 143.614



75, 62.378, 329.513

Rectangle

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



92, 62.927, 143.614



92, 62.927, 193.614



92, 62.927, 323.614



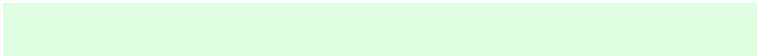
92, 62.927, 13.614

Sweetspot

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



92, 62.525, 143.651



97, 19.437, 146.248



97, 53.317, 109.920



51, 13.615, 146.087



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 62.525, 143.651



91, 73.489, 142.742



93, 42.579, 163.979



52, 8.483, 146.493



68, 94.652, 136.801



22, 41.795, 138.581

Inverse Universe

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



75, 62.378, 329.513



72, 73.004, 329.961



74, 45.971, 353.183



50, 8.499, 327.583



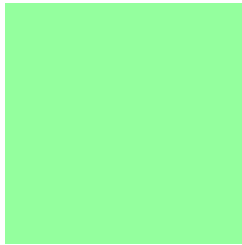
44, 86.530, 332.321



12, 40.159, 331.784

Previews

White Background



This preview shows how the CIE LCh color 92, 62.927, 143.614 looks on a white background.

Color Contrast Check

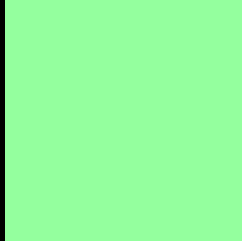
Large Text (above 18pt) WCAG AA × Fail

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 92, 62.927, 143.614 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

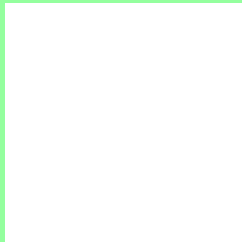
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 62.927, 143.614

Background



This preview shows how black text looks on a background with the CIELCh color 92, 62.927, 143.614.

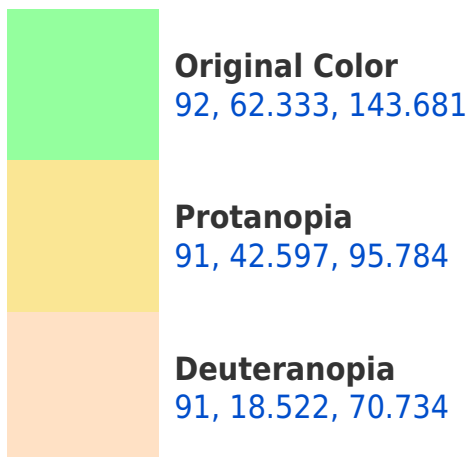



This preview shows how white text looks on a background with the CIELCh color 92, 62.927, 143.614.

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



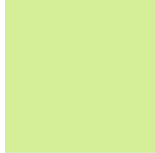


Tritanopia
92, 18.793, 222.975

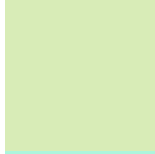
Trichromacy



Original Color
92, 62.333, 143.681



Protanomaly
91, 45.220, 119.632

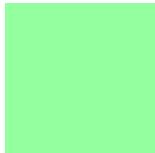


Deuteranomaly
91, 28.247, 123.507

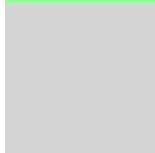


Tritanomaly
91, 28.118, 170.118

Monochromacy



Original Color
92, 62.333, 143.681



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 23.659, 145.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 62.927, 143.614 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(148, 255, 158)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 158)  
}
```

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(148, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 62.927, 143.614 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(148, 255, 158) }
```

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

```
.border{ border-color:rgb(148, 255, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 255, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 255, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 255, 158); box-shadow:4px 4px 4px 4px rgb(148, 255, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 62.927, 143.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 158) }
```

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

```
.background{ background-color: rgb(148,  
255, 158) }
```

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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