

Converting Colors

CIELCh(91, 61.463, 143.265)

Have a look what the booklet for
CIELCh(91, 61.463, 143.265)
contains.

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Color

CIELCh(91, 61.466, 143.290)

Conversions

Conversions Part 1

Format	Color
Hex	94FC9C
RGB	148, 252, 156
RGB Percent	58%, 99%, 61%
CMY	0.4188, 0.0109, 0.3874
CMYK	0.41, 0.00, 0.38, 0.01
HSL	125°, 95%, 79%
HSV	125°, 41%, 99%
XYZ	53.1500, 78.4833, 43.8904
YIQ	209.9600, -31.1680, -51.9040

Conversions

Conversions Part 2

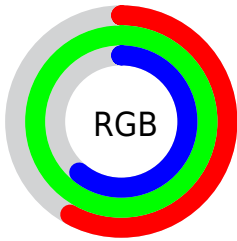
Format	Color
RYB	148, 245, 252
Decimal	9763996
CIELab	91.00, -49.28, 36.74
CIElCh	91, 61.466, 143.290
Yxy	78.4833, 0.3028, 0.4471
Android (android.graphics.Color)	4287954076 (0xFF94FC9C)
YUV	209.9600, -26.6023, -54.3389
Hunter-Lab	88.5908, -47.9430, 32.6397

Details

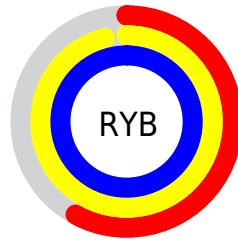
The CIELCh color **91, 61.466, 143.290** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 61.327, 328.948**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 28.613, 146.055**, and **71, 61.397, 143.354** is the 20% darker color. If you saturate the color by 10%, you get **90, 75.293, 142.152**, and if you desaturate by 10%, it is **93, 46.891, 144.291**.

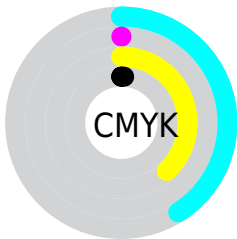
Distribution



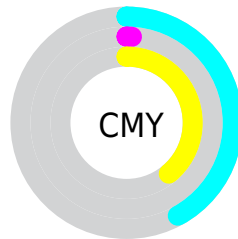
- Red (58%)
- Green (99%)
- Blue (61%)



- Red (58%)
- Yellow (96%)
- Blue (99%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)





- Cyan (42%)
- Magenta (1%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 61.466, 143.290 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 91, 61.466, 143.290 by changing the saturation by 10% instead.


 91, 61.466,
143.290


 91, 61.466,
143.290


 100, 61.466,
143.290


 81, 61.466,
143.290


 71, 61.466,
143.290

 61, 61.466,
143.290


 51, 61.466,
143.290

 41, 61.466,
143.290


 31, 61.466,
143.290


 21, 61.466,


143.290


 11, 61.466,
143.290


 1, 61.466, 143.290


 91, 61.466,
143.290


 91, 61.466,
143.290


 90, 75.293,
142.152


 93, 46.891,
144.291

 89, 87.950,
140.898

 94, 31.915,
145.156

 88, 98.969,
139.580

 96, 16.822,
145.902

 87, 107.853,
138.297

 99, 1.828, 146.690

 99, 1.730, 324.323

■ 87,114.152,
137.185

■ 87,117.419,
136.493

Harmonies

Complementary

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



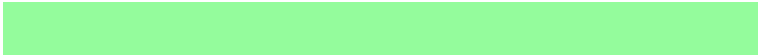
91, 61.466, 143.290



75, 61.327, 328.948

Rectangle

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



91, 61.466, 143.290



91, 61.466, 193.290



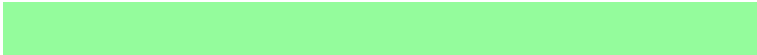
91, 61.466, 323.290



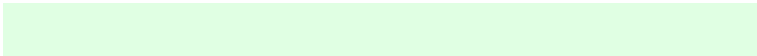
91, 61.466, 13.290

Sweetspot

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



91, 61.467, 143.290



97, 18.134, 145.848



97, 51.803, 109.233



52, 12.037, 145.756



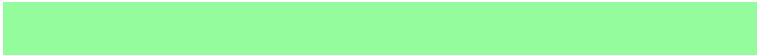
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

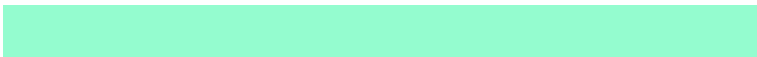
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 61.467, 143.290



91, 72.927, 142.415



92, 42.002, 163.123



51, 8.437, 146.023



67, 94.072, 136.642



21, 40.848, 138.508

Inverse Universe

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



75, 61.327, 328.948



72, 72.485, 329.375



73, 45.019, 351.970



49, 8.453, 327.102



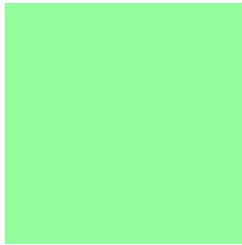
44, 86.760, 331.551



11, 39.554, 331.102

Previews

White Background



This preview shows how the CIE LCh color 91, 61.466, 143.290 looks on a white background.

Color Contrast Check

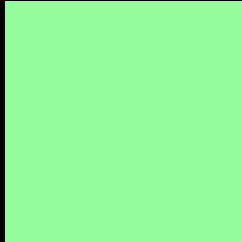
Large Text (above 18pt) WCAG AA × Fail

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 91, 61.466, 143.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

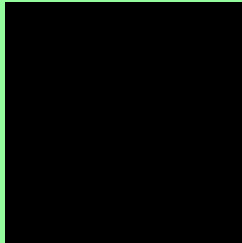
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

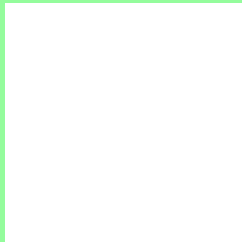
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 61.466, 143.290

Background



This preview shows how black text looks on a background with the CIELCh color 91, 61.466, 143.290.

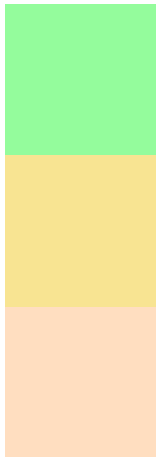


This preview shows how white text looks on a background with the CIELCh color 91, 61.466, 143.290.

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



Original Color
91, 61.466, 143.290

Protanopia
91, 42.658, 95.745

Deuteranopia
90, 20.159, 69.790

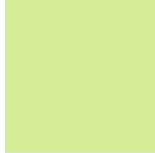


Tritanopia
91, 20.455, 224.051

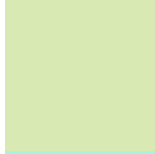
Trichromacy



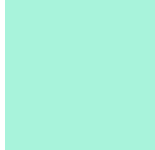
Original Color
91, 61.466, 143.290



Protanomaly
90, 45.188, 119.145



Deuteranomaly
90, 28.505, 121.040

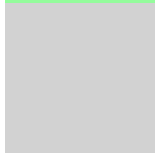


Tritanomaly
91, 28.412, 171.500

Monochromacy



Original Color
91, 61.466, 143.290



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 22.857, 144.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 61.466, 143.290 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, 252, 156)` looks like.

```
.text, #text, p{  
    color:rgb(148, 252, 156)  
}
```

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, 252, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 252, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 61.466, 143.290 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, 252, 156) }
```

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

```
.border{ border-color:rgb(148, 252, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 252, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 252, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 252, 156); box-shadow:4px 4px 4px 4px rgb(148, 252, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 61.466, 143.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 252, 156) }
```

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

```
.background{ background-color: rgb(148,  
252, 156) }
```

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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