

Converting Colors

CIELCh(92, 64.644, 138.603)

Have a look what the booklet for
CIELCh(92, 64.644, 138.603)
contains.

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Color

CIELCh(92, 64.770, 138.628)

Conversions

Conversions Part 1

Format	Color
Hex	9FFF93
RGB	159, 255, 147
RGB Percent	62%, 100%, 58%
CMY	0.3779, 0.0015, 0.4249
CMYK	0.38, 0.00, 0.42, 0.00
HSL	113°, 99%, 79%
HSV	113°, 42%, 100%
XYZ	55.1011, 80.7044, 40.1324
YIQ	213.9840, -22.5480, -53.9400

Conversions

Conversions Part 2

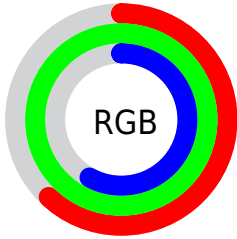
Format	Color
RYB	147, 255, 243
Decimal	10485651
CIELab	92.00, -48.61, 42.81
CIElCh	92, 64.770, 138.628
Yxy	80.7044, 0.3132, 0.4587
Android (android.graphics.Color)	4288675731 (0xFF9FFF93)
YUV	213.9840, -33.0231, -48.2210
Hunter-Lab	89.8356, -47.7285, 36.3983

Details

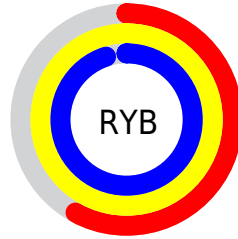
The CIELCh color **92, 64.770, 138.628** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 65.255, 323.396**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 30.372, 135.302**, and **72, 65.194, 138.569** is the 20% darker color. If you saturate the color by 10%, you get **91, 78.922, 137.780**, and if you desaturate by 10%, it is **94, 49.843, 139.423**.

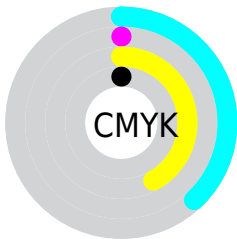
Distribution



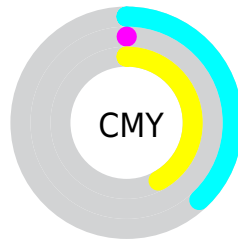
- Red (62%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (95%)



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



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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 64.770, 138.628 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, 64.770, 138.628 by changing the saturation by 10% instead.

 92, 64.770,
138.628


 92, 64.770,
138.628

 100, 64.770,
138.628


 82, 64.770,
138.628

 72, 64.770,
138.628

 62, 64.770,
138.628

 52, 64.770,
138.628

 42, 64.770,
138.628

 32, 64.770,
138.628

 22, 64.770,

138.628

■ 12, 64.770,
138.628

■ 2, 64.770, 138.628

■ 92, 64.770,
138.628

■ 92, 64.770,
138.628

■ 91, 78.922,
137.780

■ 94, 49.843,
139.423

■ 90, 91.810,
136.933

■ 95, 34.508,
140.137

■ 89, 102.833,
136.187

■ 97, 19.045,
140.766

■ 88, 111.321,
135.676

■ 99, 3.660, 141.364

100, 0.244,

■ 88, 116.742,
135.521

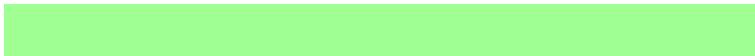
323.183

■ 88, 118.953,
135.594

Harmonies

Complementary

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



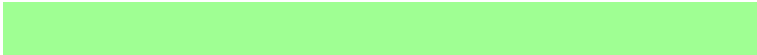
92, 64.770, 138.628



74, 65.255, 323.396

Rectangle

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



92, 64.770, 138.628



92, 64.770, 188.628



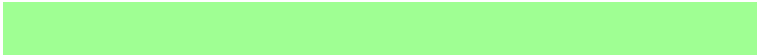
92, 64.770, 318.628



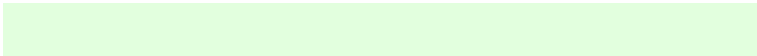
92, 64.770, 8.628

Sweetspot

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



92, 64.771, 138.629



97, 19.989, 140.731



95, 48.208, 100.328



51, 14.001, 140.598



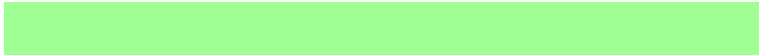
0, 0.000, 0.000



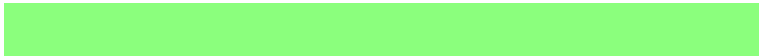
53, 0.007, 296.813

Same Dimension

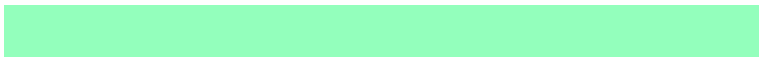
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 64.771, 138.629



91, 77.090, 137.900



92, 50.541, 153.830



52, 8.725, 140.935



68, 95.790, 135.496



23, 42.936, 135.245

Inverse Universe

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



74, 65.255, 323.396



70, 77.584, 323.726



74, 51.712, 341.544



50, 8.756, 321.846



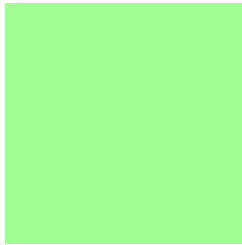
42, 93.813, 323.934



11, 43.102, 324.438

Previews

White Background



This preview shows how the CIE LCh color 92, 64.770, 138.628 looks on a white background.

Color Contrast Check

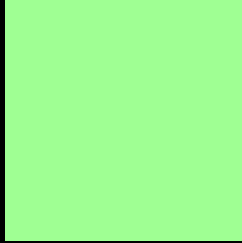
Large Text (above 18pt) WCAG AA × Fail

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, 64.770, 138.628 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

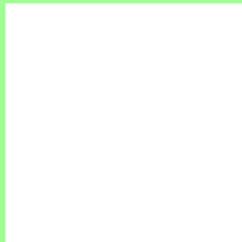
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 64.770, 138.628

Background



This preview shows how black text looks on a background with the CIELCh color 92, 64.770, 138.628.

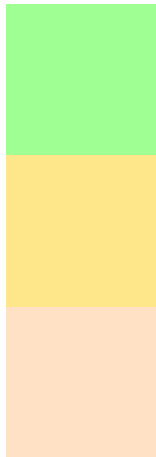


This preview shows how white text looks on a background with the CIELCh color 92, 64.770, 138.628.

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
92, 64.770, 138.628

Protanopia
92, 48.030, 95.511

Deuteranopia
92, 18.686, 72.567

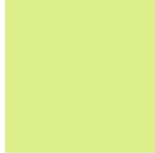


Tritanopia
92, 17.383, 227.164

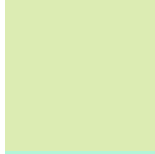
Trichromacy



Original Color
92, 64.770, 138.628



Protanomaly
91, 50.460, 115.700



Deuteranomaly
91, 29.834, 119.623

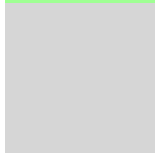


Tritanomaly
92, 27.445, 164.487

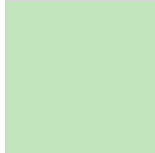
Monochromacy



Original Color
92, 64.770, 138.628



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 24.104, 140.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 64.770, 138.628 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(159, 255, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 147)  
}
```

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(159, 255, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 64.770, 138.628 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(159, 255, 147) }
```

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

```
.border{ border-color:rgb(159, 255, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 255, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 255, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 255, 147); box-shadow:4px 4px 4px 4px rgb(159, 255, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 64.770, 138.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 147) }
```

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

```
.background{ background-color: rgb(159,  
255, 147) }
```

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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