

Converting Colors

CIELCh(95, 63.909, 146.909)

Have a look what the booklet for
CIELCh(95, 63.909, 146.909)
contains.

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Color

CIELCh(92, 57.706, 148.052)

Conversions

Conversions Part 1

Format	Color
Hex	91FFAB
RGB	145, 255, 171
RGB Percent	57%, 100%, 67%
CMY	0.4302, 0.0000, 0.3283
CMYK	0.43, 0.00, 0.33, 0.00
HSL	134°, 100%, 78%
HSV	134°, 43%, 100%
XYZ	54.9587, 80.7044, 51.3452
YIQ	212.5340, -38.5960, -49.4440

Conversions

Conversions Part 2

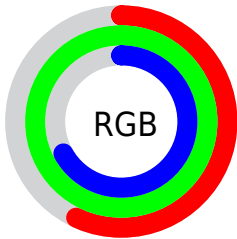
Format	Color
RYB	145, 234, 255
Decimal	9568171
CIELab	92.00, -48.97, 30.54
CIELCh	92, 57.706, 148.052
Yxy	80.7044, 0.2939, 0.4316
Android (android.graphics.Color)	4287758251 (0xFF91FFAB)
YUV	212.5340, -20.4763, -59.2273
Hunter-Lab	89.8356, -48.0116, 28.9980

Details

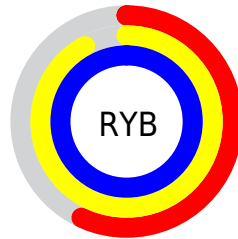
The CIELCh color **92, 57.706, 148.052** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 57.779, 334.865**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 23.237, 159.882**, and **72, 58.037, 147.996** is the 20% darker color. If you saturate the color by 10%, you get **91, 69.919, 146.812**, and if you desaturate by 10%, it is **93, 44.513, 149.186**.

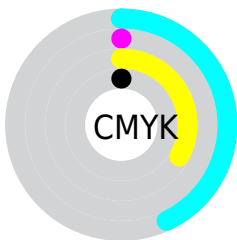
Distribution



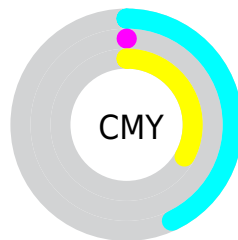
- Red (57%)
- Green (100%)
- Blue (67%)



- Red (57%)
- Yellow (92%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 57.706, 148.052 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, 57.706, 148.052 by changing the saturation by 10% instead.

■ 92, 57.706,
148.052

■ 92, 57.706,
148.052

■ 100, 57.706,
148.052

■ 82, 57.706,
148.052

■ 72, 57.706,
148.052

■ 62, 57.706,
148.052


■ 52, 57.706,
148.052

■ 42, 57.706,
148.052


■ 32, 57.706,
148.052


■ 22, 57.706,


148.052

 12, 57.706,
148.052


 2, 57.706, 148.052


 92, 57.706,
148.052


 92, 57.706,
148.052


 91, 69.919,
146.812


 93, 44.513,
149.186

 90, 81.361,
145.366

 95, 31.108,
150.139

 89, 91.584,
143.754

 97, 17.555,
150.968

 88, 100.335,
142.013

 99, 4.044, 151.750

100, 0.012,

■ 88,107.423,
140.223

296.813

■ 88,111.375,
139.046

Harmonies

Complementary

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



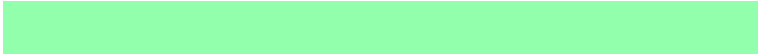
92, 57.706, 148.052



74, 57.779, 334.865

Rectangle

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



92, 57.706, 148.052



92, 57.706, 198.052



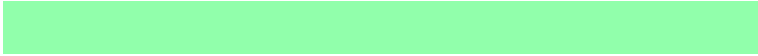
92, 57.706, 328.052



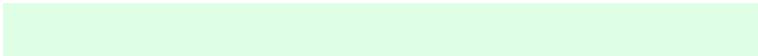
92, 57.706, 18.052

Sweetspot

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



92, 57.540, 148.083



97, 17.524, 150.970



96, 55.324, 116.498



51, 12.273, 150.796



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, 57.540, 148.083



91, 68.690, 146.950



93, 38.481, 173.819



52, 7.650, 151.237



68, 89.039, 139.362



23, 38.533, 142.000

Inverse Universe

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



74, 57.779, 334.865



70, 68.596, 335.584



73, 44.635, 3.861



50, 7.679, 332.437



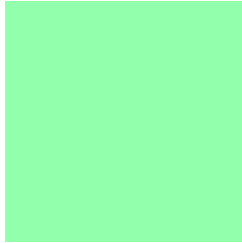
43, 77.567, 340.523



11, 36.430, 338.701

Previews

White Background



This preview shows how the CIE LCh color 92, 57.706, 148.052 looks on a white background.

Color Contrast Check

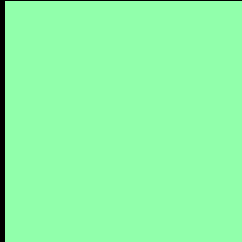
Large Text (above 18pt) WCAG AA × Fail

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, 57.706, 148.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

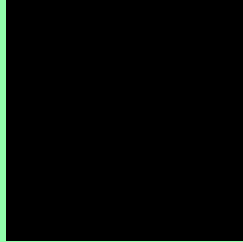
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

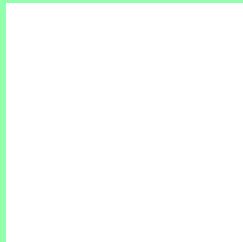
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 57.706, 148.052

Background



This preview shows how black text looks on a background with the CIELCh color 92, 57.706, 148.052.

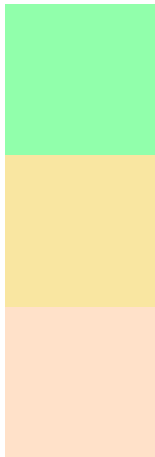


This preview shows how white text looks on a background with the CIELCh color 92, 57.706, 148.052.

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, 57.706, 148.052

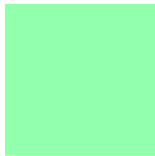
Protanopia
91, 36.147, 95.175

Deuteranopia
91, 16.895, 66.728

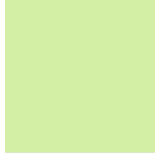


Tritanopia
92, 19.061, 222.593

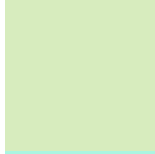
Trichromacy



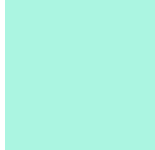
Original Color
92, 57.706, 148.052



Protanomaly
91, 39.217, 123.091



Deuteranomaly
91, 24.951, 126.615

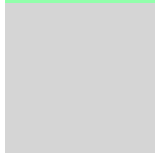


Tritanomaly
91, 27.056, 175.071

Monochromacy



Original Color
92, 57.706, 148.052



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 21.422, 151.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 57.706, 148.052 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(145, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 171)  
}
```

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(145, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 57.706, 148.052 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(145, 255, 171) }
```

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

```
.border{ border-color:rgb(145, 255, 171) }
```

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

Here you see how a box with a 4 pixel rgb(145, 255, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 57.706, 148.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 171) }
```

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

```
.background{ background-color: rgb(145,  
255, 171) }
```

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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