

Converting Colors

CIELCh(92, 52.252, 152.902)

Have a look what the booklet for
CIELCh(92, 52.252, 152.902)
contains.

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Color

CIELCh(92, 52.252, 152.902)

Conversions

Conversions Part 1

Format	Color
Hex	91FFB9
RGB	145, 255, 185
RGB Percent	57%, 100%, 73%
CMY	0.4331, 0.0017, 0.2761
CMYK	0.43, 0.00, 0.27, 0.00
HSL	142°, 99%, 78%
HSV	142°, 43%, 100%
XYZ	55.9337, 80.7044, 58.3004
YIQ	214.1300, -43.0900, -45.0900

Conversions

Conversions Part 2

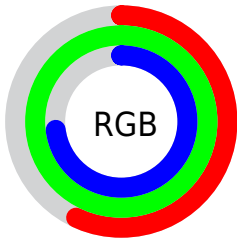
Format	Color
RYB	145, 226, 255
Decimal	9568185
CIELab	92.00, -46.52, 23.80
CIElCh	92, 52.252, 152.902
Yxy	80.7044, 0.2869, 0.4140
Android (android.graphics.Color)	4287758265 (0xFF91FFB9)
YUV	214.1300, -14.3611, -60.6270
Hunter-Lab	89.8356, -46.0742, 24.4077

Details

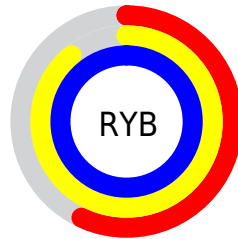
The CIELCh color **92, 52.252, 152.902** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 53.286, 340.645**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.177, 176.197**, and **72, 52.388, 153.032** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.369, 151.558**, and if you desaturate by 10%, it is **93, 40.538, 154.073**.

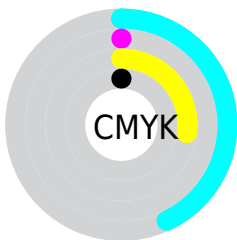
Distribution



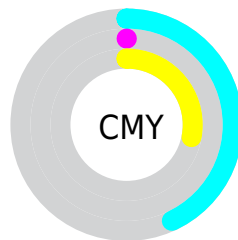
- Red (57%)
- Green (100%)
- Blue (73%)



- Red (57%)
- Yellow (89%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 52.252, 152.902 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, 52.252, 152.902 by changing the saturation by 10% instead.


 92, 52.252,
152.902


 92, 52.252,
152.902


 100, 52.252,
152.902


 82, 52.252,
152.902

 72, 52.252,
152.902

 62, 52.252,
152.902

 52, 52.252,
152.902

 42, 52.252,
152.902

 32, 52.252,
152.902

 22, 52.252,

152.902

■ 12, 52.252,
152.902

■ 2, 52.252, 152.902

■ 92, 52.252,
152.902

■ 92, 52.252,
152.902

■ 91, 63.369,
151.558

■ 93, 40.538,
154.073

■ 90, 73.660,
150.021

■ 95, 28.447,
155.096

■ 89, 82.925,
148.281

■ 97, 16.181,
155.998

■ 88, 91.020,
146.346

■ 99, 3.908, 156.865

100, 0.281,

■ 88, 97.886,
144.258

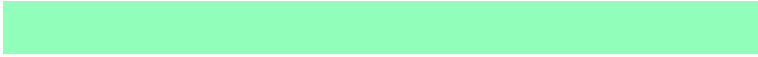
323.350

■ 88, 101.921,
142.828

Harmonies

Complementary

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



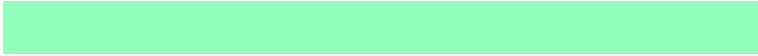
92, 52.252, 152.902



74, 53.286, 340.645

Rectangle

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



92, 52.252, 152.902



92, 52.252, 202.902



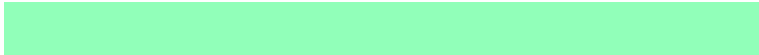
92, 52.252, 332.902



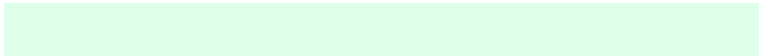
92, 52.252, 22.902

Sweetspot

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



92, 52.253, 152.902



97, 15.946, 156.015



95, 56.672, 121.338



51, 11.164, 155.825



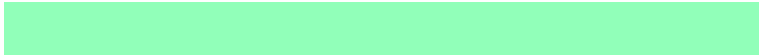
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 52.253, 152.902



91, 62.151, 151.730



93, 35.523, 183.228



52, 6.965, 156.310



68, 81.473, 143.222



23, 35.043, 146.282

Inverse Universe

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



74, 53.286, 340.645



69, 63.210, 341.608



72, 44.220, 12.688



50, 7.014, 337.650



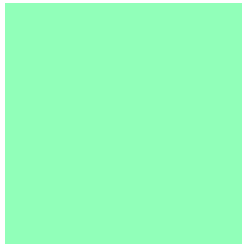
42, 71.600, 349.928



11, 33.765, 346.452

Previews

White Background



This preview shows how the CIE LCh color 92, 52.252, 152.902 looks on a white background.

Color Contrast Check

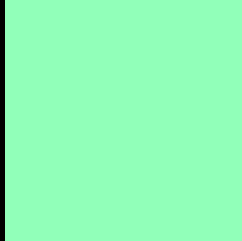
Large Text (above 18pt) WCAG AA × Fail

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, 52.252, 152.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

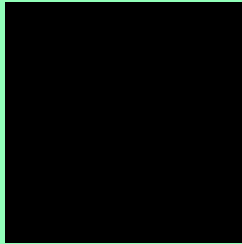
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 52.252, 152.902

Background



This preview shows how black text looks on a background with the CIELCh color 92, 52.252, 152.902.



This preview shows how white text looks on a background with the CIELCh color 92, 52.252, 152.902.

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, 52.252, 152.902

Protanopia
91, 29.532, 94.772

Deuteranopia
91, 15.016, 60.489

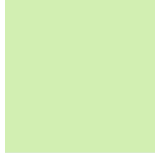


Tritanopia
92, 19.174, 220.709

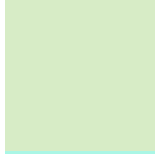
Trichromacy



Original Color
92, 52.252, 152.902



Protanomaly
91, 33.119, 127.000



Deuteranomaly
91, 21.097, 130.182

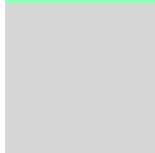


Tritanomaly
92, 26.885, 178.489

Monochromacy



Original Color
92, 52.252, 152.902



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 19.859, 155.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 52.252, 152.902 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 52.252, 152.902 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, 185) }
```

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

```
.border{ border-color:rgb(145, 255, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 52.252, 152.902 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, 185) }
```

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

```
.background{ background-color: rgb(145,  
255, 185) }
```

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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