

Converting Colors

CIELCh(92, 55.997, 150.258)

Have a look what the booklet for
CIELCh(92, 55.997, 150.258)
contains.

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Color

CIELCh(92, 55.747, 150.404)

Conversions

Conversions Part 1

Format	Color
Hex	8FFFB1
RGB	143, 255, 177
RGB Percent	56%, 100%, 69%
CMY	0.4383, 0.0000, 0.3051
CMYK	0.44, 0.00, 0.31, 0.00
HSL	138°, 100%, 78%
HSV	138°, 44%, 100%
XYZ	55.1535, 80.7044, 54.3740
YIQ	212.6200, -41.7140, -48.0020

Conversions

Conversions Part 2

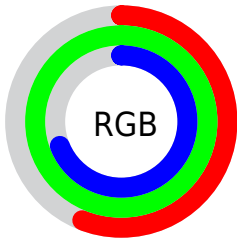
Format	Color
RYB	143, 229, 255
Decimal	9437105
CIELab	92.00, -48.47, 27.53
CIELCh	92, 55.747, 150.404
Yxy	80.7044, 0.2899, 0.4242
Android (android.graphics.Color)	4287627185 (0xFF8FFFB1)
YUV	212.6200, -17.5607, -61.0567
Hunter-Lab	89.8356, -47.6245, 26.9990

Details

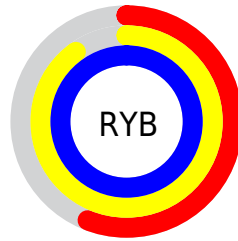
The CIELCh color **92, 55.747, 150.404** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 56.223, 337.851**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.863, 166.977**, and **72, 55.954, 150.356** is the 20% darker color. If you saturate the color by 10%, you get **91, 67.296, 149.110**, and if you desaturate by 10%, it is **93, 43.313, 151.585**.

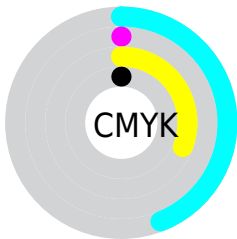
Distribution



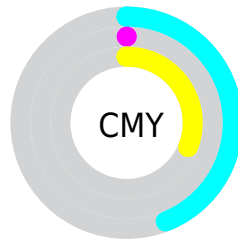
- Red (56%)
- Green (100%)
- Blue (69%)



- Red (56%)
- Yellow (90%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 55.747, 150.404 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, 55.747, 150.404 by changing the saturation by 10% instead.


 92, 55.747,
150.404

 92, 55.747,
150.404

 100, 55.747,
150.404


 82, 55.747,
150.404

 72, 55.747,
150.404

 62, 55.747,
150.404


 52, 55.747,
150.404

 42, 55.747,
150.404


 32, 55.747,
150.404


 22, 55.747,


150.404


 12, 55.747,
150.404


 2, 55.747, 150.404


 92, 55.747,
150.404


 92, 55.747,
150.404


 91, 67.296,
149.110


 93, 43.313,
151.585

 90, 78.087,
147.598

 95, 30.618,
152.584

 89, 87.763,
145.895

 97, 17.750,
153.457

 88, 96.142,
144.025

 99, 4.890, 154.271

100, 0.012,

■ 88,103.118,
142.048

296.813

■ 88,106.764,
140.854

Harmonies

Complementary

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



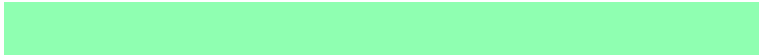
92, 55.747, 150.404



74, 56.223, 337.851

Rectangle

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



92, 55.747, 150.404



92, 55.747, 200.404



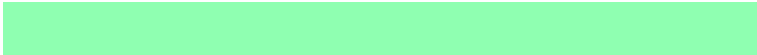
92, 55.747, 330.404



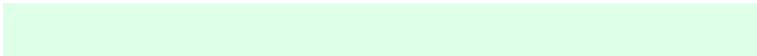
92, 55.747, 20.404

Sweetspot

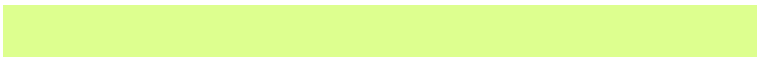
The Sweet Spot groups the original color and five complimentary colors.



92, 55.621, 150.434



97, 16.674, 153.526



96, 56.956, 119.268



51, 11.676, 153.344



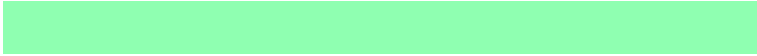
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 55.621, 150.434



91, 66.351, 149.228



93, 37.227, 178.930



52, 7.281, 153.806



68, 85.271, 141.218



23, 36.740, 144.117

Inverse Universe

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



74, 56.223, 337.851



69, 66.734, 338.726



72, 45.053, 9.014



50, 7.319, 335.076



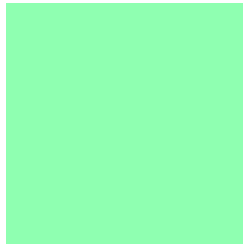
42, 74.124, 345.240



11, 34.929, 342.602

Previews

White Background



This preview shows how the CIE LCh color 92, 55.747, 150.404 looks on a white background.

Color Contrast Check

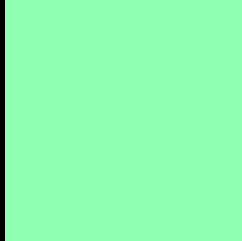
Large Text (above 18pt) WCAG AA × Fail

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, 55.747, 150.404 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, 55.747, 150.404

Background



This preview shows how black text looks on a background with the CIELCh color 92, 55.747, 150.404.

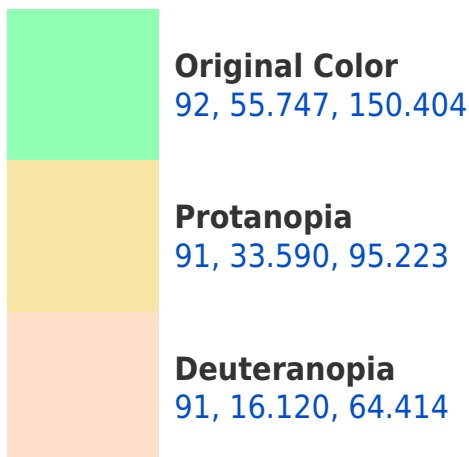


This preview shows how white text looks on a background with the CIELCh color 92, 55.747, 150.404.

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



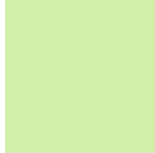


Tritanopia
92, 19.061, 222.593

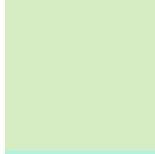
Trichromacy



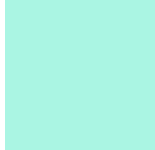
Original Color
92, 55.747, 150.404



Protanomaly
91, 36.941, 124.798



Deuteranomaly
91, 23.151, 129.101

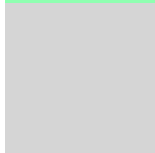


Tritanomaly
91, 26.850, 177.272

Monochromacy



Original Color
92, 55.747, 150.404



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 20.638, 152.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 55.747, 150.404 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(143, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 177)  
}
```

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(143, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 55.747, 150.404 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(143, 255, 177) }
```

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

```
.border{ border-color:rgb(143, 255, 177) }
```

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

Here you see how a box with a 4 pixel rgb(143, 255, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 55.747, 150.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 177) }
```

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

```
.background{ background-color: rgb(143,  
255, 177) }
```

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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