

Converting Colors

CIELCh(100, 70.927, 147.651)

Have a look what the booklet for
CIELCh(100, 70.927, 147.651)
contains.

CIELCh(92, 55.358, 150.747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 55.358, 150.747)

Conversions

Conversions Part 1

Format	Color
Hex	8FFFB2
RGB	143, 255, 178
RGB Percent	56%, 100%, 70%
CMY	0.4386, 0.0000, 0.3013
CMYK	0.44, 0.00, 0.30, 0.00
HSL	139°, 100%, 78%
HSV	139°, 44%, 100%
XYZ	55.2231, 80.7044, 54.8698
YIQ	212.7340, -42.0350, -47.6910

Conversions

Conversions Part 2

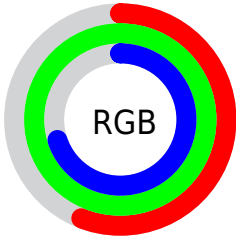
Format	Color
RYB	143, 228, 255
Decimal	9437106
CIELab	92.00, -48.30, 27.05
CIElCh	92, 55.358, 150.747
Yxy	80.7044, 0.2894, 0.4230
Android (android.graphics.Color)	4287627186 (0xFF8FFFB2)
YUV	212.7340, -17.1239, -61.1567
Hunter-Lab	89.8356, -47.4862, 26.6718

Details

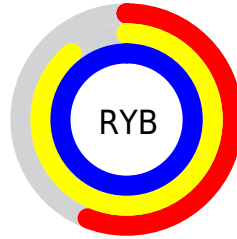
The CIELCh color **92, 55.358, 150.747** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 55.922, 338.259**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.571, 168.105**, and **72, 55.551, 150.712** is the 20% darker color. If you saturate the color by 10%, you get **91, 66.849, 149.442**, and if you desaturate by 10%, it is **93, 43.044, 151.926**.

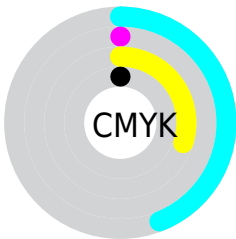
Distribution



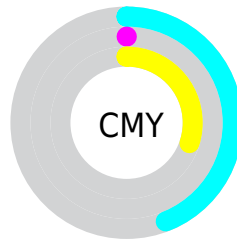
- Red (56%)
- Green (100%)
- Blue (70%)



- Red (56%)
- Yellow (89%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 55.358, 150.747 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, 55.358, 150.747 by changing the saturation by 10% instead.


 92, 55.358,
150.747


 92, 55.358,
150.747


 100, 55.358,
150.747


 82, 55.358,
150.747

 72, 55.358,
150.747

 62, 55.358,
150.747

 52, 55.358,
150.747

 42, 55.358,
150.747

 32, 55.358,
150.747

 22, 55.358,

150.747

■ 12, 55.358,
150.747

■ 2, 55.358, 150.747

■ 92, 55.358,
150.747

■ 92, 55.358,
150.747

■ 91, 66.849,
149.442

■ 93, 43.044,
151.926

■ 90, 77.560,
147.923

■ 95, 30.439,
152.930

■ 89, 87.169,
146.212

■ 97, 17.660,
153.809

■ 88, 95.501,
144.328

■ 99, 4.884, 154.629

100, 0.012,

■ 88,102.459,
142.330

296.813

■ 88,106.102,
141.123

Harmonies

Complementary

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



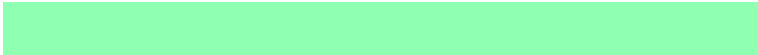
92, 55.358, 150.747



74, 55.922, 338.259

Rectangle

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



92, 55.358, 150.747



92, 55.358, 200.747



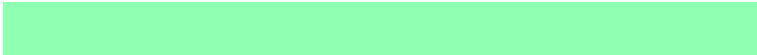
92, 55.358, 330.747



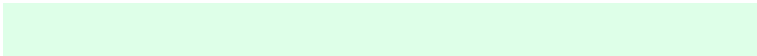
92, 55.358, 20.747

Sweetspot

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



92, 55.261, 150.771



97, 16.565, 153.880



96, 56.981, 119.267



51, 11.599, 153.696



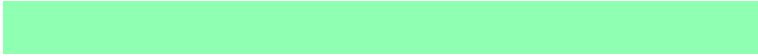
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 55.261, 150.771



91, 65.889, 149.563



93, 37.242, 178.928



52, 7.233, 154.162



68, 84.734, 141.493



23, 36.495, 144.419

Inverse Universe

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



74, 55.922, 338.259



69, 66.358, 339.152



72, 45.075, 9.018



50, 7.273, 335.442



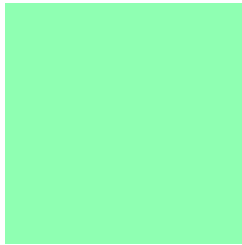
42, 73.717, 345.903



11, 34.746, 343.147

Previews

White Background



This preview shows how the CIE LCh color 92, 55.358, 150.747 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, 55.358, 150.747 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, 55.358, 150.747

Background



This preview shows how black text looks on a background with the CIELCh color 92, 55.358, 150.747.

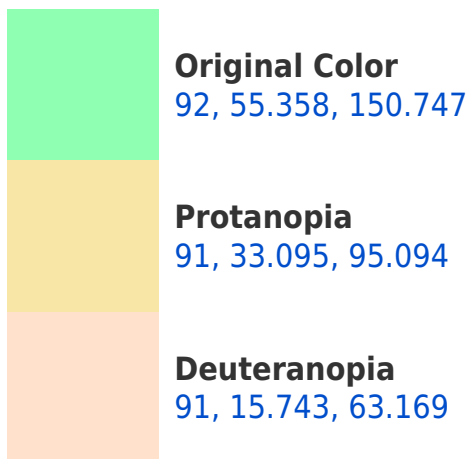


This preview shows how white text looks on a background with the CIELCh color 92, 55.358, 150.747.

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



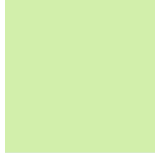


Tritanopia
92, 19.061, 222.593

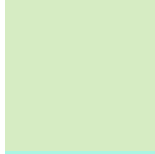
Trichromacy



Original Color
92, 55.358, 150.747



Protanomaly
91, 36.463, 125.051



Deuteranomaly
91, 22.672, 129.567

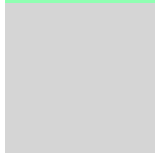


Tritanomaly
91, 26.850, 177.272

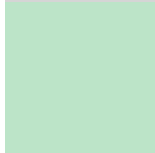
Monochromacy



Original Color
92, 55.358, 150.747



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, 55.358, 150.747 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 55.358, 150.747 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, 178) }
```

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

```
.border{ border-color:rgb(143, 255, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 55.358, 150.747 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, 178) }
```

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

```
.background{ background-color: rgb(143,  
255, 178) }
```

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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