

Converting Colors

CIELCh(92, 56.850, 150.167)

Have a look what the booklet for
CIELCh(92, 56.850, 150.167)
contains.

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Color

CIELCh(92, 56.336, 150.253)

Conversions

Conversions Part 1

Format	Color
Hex	8EFFB0
RGB	142, 255, 176
RGB Percent	56%, 100%, 69%
CMY	0.4416, 0.0000, 0.3084
CMYK	0.44, 0.00, 0.31, 0.00
HSL	138°, 100%, 78%
HSV	138°, 44%, 100%
XYZ	54.9796, 80.7044, 53.9435
YIQ	212.2070, -41.9890, -48.5250

Conversions

Conversions Part 2

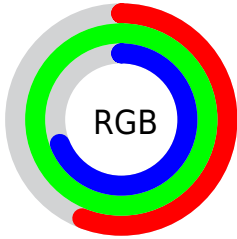
Format	Color
RYB	142, 229, 255
Decimal	9371568
CIELab	92.00, -48.91, 27.95
CIELCh	92, 56.336, 150.253
Yxy	80.7044, 0.2899, 0.4256
Android (android.graphics.Color)	4287561648 (0xFF8EFFB0)
YUV	212.2070, -17.8501, -61.5715
Hunter-Lab	89.8356, -47.9700, 27.2831

Details

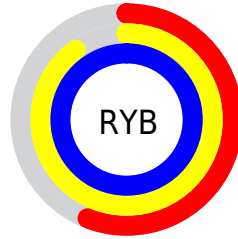
The CIELCh color **92, 56.336, 150.253** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 56.701, 337.773**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.438, 166.293**, and **72, 56.531, 150.161** is the 20% darker color. If you saturate the color by 10%, you get **91, 67.788, 148.976**, and if you desaturate by 10%, it is **93, 43.801, 151.459**.

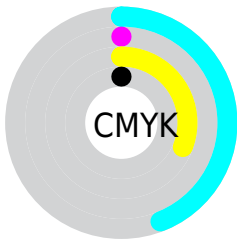
Distribution



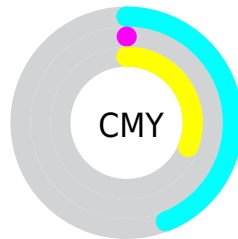
- Red (56%)
- Green (100%)
- Blue (69%)



- 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, 56.336, 150.253 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, 56.336, 150.253 by changing the saturation by 10% instead.


 92, 56.336,
150.253


 92, 56.336,
150.253


 100, 56.336,
150.253


 82, 56.336,
150.253

 72, 56.336,
150.253

 62, 56.336,
150.253


 52, 56.336,
150.253

 42, 56.336,
150.253


 32, 56.336,
150.253


 22, 56.336,


150.253


 12, 56.336,
150.253


 2, 56.336, 150.253


 92, 56.336,
150.253


 92, 56.336,
150.253


 91, 67.788,
148.976


 93, 43.801,
151.459


 90, 78.567,
147.459

 95, 31.091,
152.461

 89, 88.220,
145.753

 97, 18.203,
153.337

 88, 96.566,
143.882

 99, 5.317, 154.147

100, 0.012,

■ 88,103.499,
141.908

296.813

■ 88,106.938,
140.783

Harmonies

Complementary

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



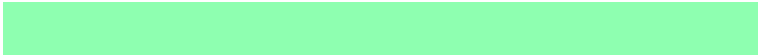
92, 56.336, 150.253



74, 56.701, 337.773

Rectangle

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



92, 56.336, 150.253



92, 56.336, 200.253



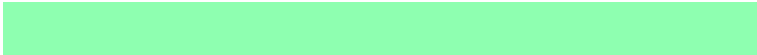
92, 56.336, 330.253



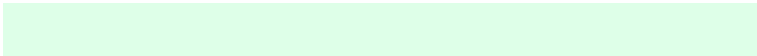
92, 56.336, 20.253

Sweetspot

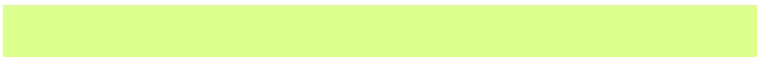
The Sweet Spot groups the original color and five complimentary colors.



92, 56.116, 150.304



97, 16.703, 153.432



96, 57.357, 119.251



51, 11.696, 153.251



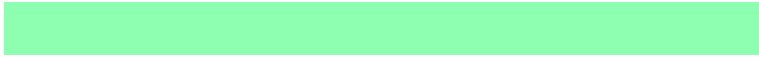
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 56.116, 150.304



91, 66.474, 149.140



93, 37.462, 178.893



52, 7.293, 153.713



68, 85.412, 141.147



23, 36.805, 144.037

Inverse Universe

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



74, 56.701, 337.773



69, 66.835, 338.614



72, 45.406, 9.079



50, 7.331, 334.980



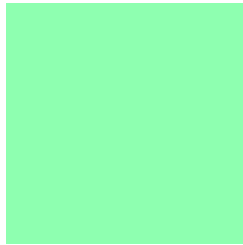
42, 74.234, 345.066



11, 34.978, 342.458

Previews

White Background



This preview shows how the CIE LCh color 92, 56.336, 150.253 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, 56.336, 150.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

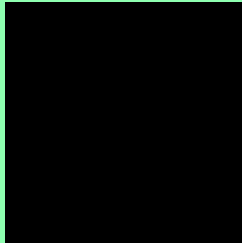
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

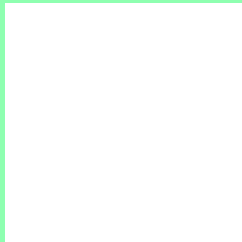
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 56.336, 150.253

Background



This preview shows how black text looks on a background with the CIELCh color 92, 56.336, 150.253.

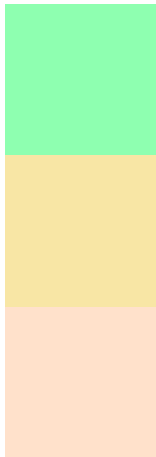


This preview shows how white text looks on a background with the CIELCh color 92, 56.336, 150.253.

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, 56.336, 150.253

Protanopia
91, 34.084, 95.347

Deuteranopia
91, 16.120, 64.414

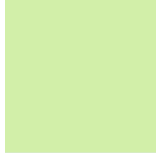


Tritanopia
92, 19.329, 222.223

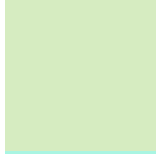
Trichromacy



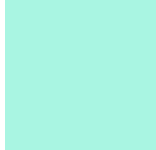
Original Color
92, 56.336, 150.253



Protanomaly
91, 37.419, 124.550

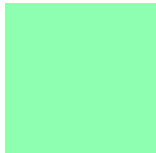


Deuteranomaly
91, 23.631, 128.653

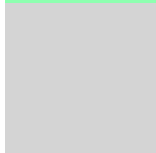


Tritanomaly
91, 27.363, 176.475

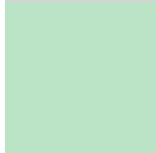
Monochromacy



Original Color
92, 56.336, 150.253



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 21.272, 152.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 56.336, 150.253 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(142, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 176)  
}
```

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(142, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 56.336, 150.253 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(142, 255, 176) }
```

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

```
.border{ border-color:rgb(142, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 56.336, 150.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 176) }
```

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

```
.background{ background-color: rgb(142,  
255, 176) }
```

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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