

Converting Colors

CIELCh(92, 57.244, 145.548)

Have a look what the booklet for
CIELCh(92, 57.244, 145.548)
contains.

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Color

CIELCh(92, 56.956, 145.776)

Conversions

Conversions Part 1

Format	Color
Hex	98FEA8
RGB	152, 254, 168
RGB Percent	60%, 100%, 66%
CMY	0.4023, 0.0023, 0.3397
CMYK	0.40, 0.00, 0.34, 0.00
HSL	129°, 99%, 80%
HSV	129°, 40%, 100%
XYZ	55.7027, 80.7044, 49.8765
YIQ	213.6980, -33.1860, -48.3700

Conversions

Conversions Part 2

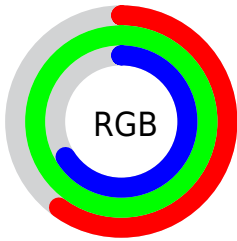
Format	Color
RYB	152, 240, 254
Decimal	10026664
CIELab	92.00, -47.09, 32.03
CIELCh	92, 56.956, 145.776
Yxy	80.7044, 0.2990, 0.4332
Android (android.graphics.Color)	4288216744 (0xFF98FEA8)
YUV	213.6980, -22.5291, -54.1091
Hunter-Lab	89.8356, -46.5332, 29.9673

Details

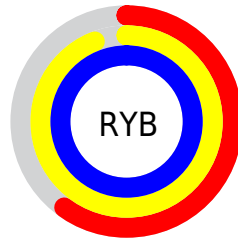
The CIELCh color **92, 56.956, 145.776** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 56.977, 331.576**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.544, 153.417**, and **72, 57.274, 145.728** is the 20% darker color. If you saturate the color by 10%, you get **91, 70.283, 144.603**, and if you desaturate by 10%, it is **94, 43.009, 146.796**.

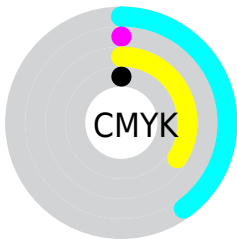
Distribution



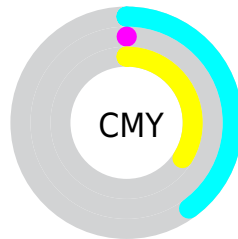
- Red (60%)
- Green (100%)
- Blue (66%)



- Red (60%)
- Yellow (94%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 56.956, 145.776 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, 56.956, 145.776 by changing the saturation by 10% instead.

■ 92, 56.956,
145.776

■ 92, 56.956,
145.776

■ 100, 56.956,
145.776

■ 82, 56.956,
145.776

■ 72, 56.956,
145.776

■ 62, 56.956,
145.776


■ 52, 56.956,
145.776

■ 42, 56.956,
145.776


■ 32, 56.956,
145.776


■ 22, 56.956,


145.776

 12, 56.956,
145.776


 2, 56.956, 145.776


 92, 56.956,
145.776


 92, 56.956,
145.776


 91, 70.283,
144.603


 94, 43.009,
146.796


 90, 82.647,
143.275

 95, 28.734,
147.675

 89, 93.686,
141.815

 97, 14.377,
148.437

 88, 103.038,
140.280

 100, 0.128,
151.832

■ 88, 110.371,
138.767

100, 0.369,
323.615

■ 88, 115.460,
137.461

Harmonies

Complementary

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



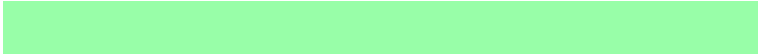
92, 56.956, 145.776



76, 56.977, 331.576

Rectangle

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



92, 56.956, 145.776



92, 56.956, 195.776



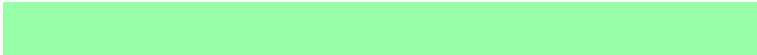
92, 56.956, 325.776



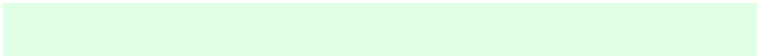
92, 56.956, 15.776

Sweetspot

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



92, 56.957, 145.776



97, 17.137, 148.299



97, 51.108, 113.054



52, 11.375, 148.203



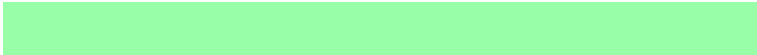
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 56.957, 145.776



91, 67.680, 144.861



93, 38.505, 168.375



52, 8.107, 148.480



68, 92.627, 137.699



23, 40.429, 139.931

Inverse Universe

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



76, 56.977, 331.576



72, 67.437, 332.094



74, 42.520, 357.365



50, 8.128, 329.611



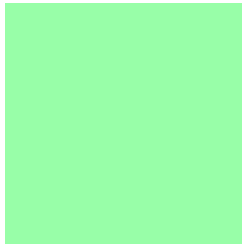
44, 82.335, 335.654



12, 38.433, 334.623

Previews

White Background



This preview shows how the CIE LCh color 92, 56.956, 145.776 looks on a white background.

Color Contrast Check

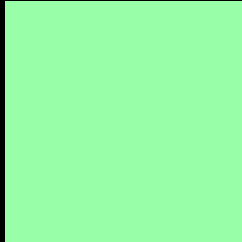
Large Text (above 18pt) WCAG AA × Fail

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, 56.956, 145.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

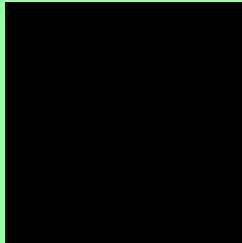
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 56.956, 145.776

Background



This preview shows how black text looks on a background with the CIELCh color 92, 56.956, 145.776.

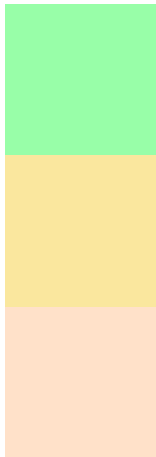


This preview shows how white text looks on a background with the CIELCh color 92, 56.956, 145.776.

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, 56.956, 145.776

Protanopia
92, 38.086, 95.606

Deuteranopia
91, 16.895, 66.728

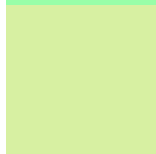


Tritanopia
92, 18.256, 223.774

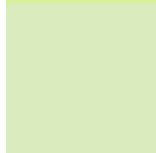
Trichromacy



Original Color
92, 56.956, 145.776



Protanomaly
91, 40.792, 120.728



Deuteranomaly
91, 25.092, 123.858

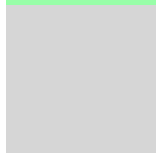


Tritanomaly
92, 26.204, 173.135

Monochromacy



Original Color
92, 56.956, 145.776



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 21.516, 147.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 56.956, 145.776 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(152, 254, 168)` looks like.

```
.text, #text, p{  
    color:rgb(152, 254, 168)  
}
```

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(152, 254, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 254, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 56.956, 145.776 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(152, 254, 168) }
```

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

```
.border{ border-color:rgb(152, 254, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 254, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 254, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 254, 168);  
box-shadow:4px 4px 4px 4px rgb(152, 254,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 56.956, 145.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 254, 168) }
```

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

```
.background{ background-color: rgb(152,  
254, 168) }
```

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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