

Converting Colors

CIELCh(92, 56.130, 146.402)

Have a look what the booklet for
CIELCh(92, 56.130, 146.402)
contains.

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Color

CIELCh(92, 56.151, 146.396)

Conversions

Conversions Part 1

Format	Color
Hex	98FEAA
RGB	152, 254, 170
RGB Percent	60%, 100%, 67%
CMY	0.4027, 0.0027, 0.3322
CMYK	0.40, 0.00, 0.33, 0.00
HSL	131°, 99%, 80%
HSV	131°, 40%, 100%
XYZ	55.8333, 80.7044, 50.8111
YIQ	213.9260, -33.8280, -47.7480

Conversions

Conversions Part 2

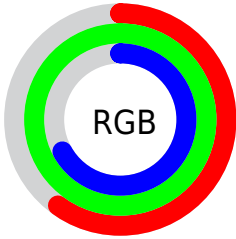
Format	Color
RYB	152, 239, 254
Decimal	10026666
CIELab	92.00, -46.77, 31.08
CIElCh	92, 56.151, 146.396
Yxy	80.7044, 0.2980, 0.4308
Android (android.graphics.Color)	4288216746 (0xFF98FEAA)
YUV	213.9260, -21.6555, -54.3091
Hunter-Lab	89.8356, -46.2738, 29.3505

Details

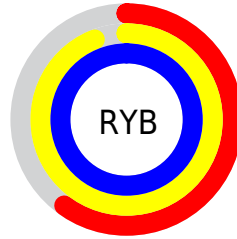
The CIELCh color **92, 56.151, 146.396** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 56.223, 332.292**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.801, 155.254**, and **72, 56.449, 146.370** is the 20% darker color. If you saturate the color by 10%, you get **91, 69.293, 145.211**, and if you desaturate by 10%, it is **94, 42.406, 147.425**.

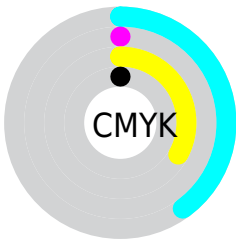
Distribution



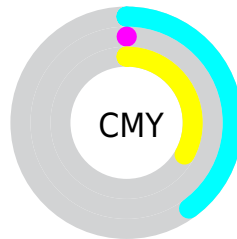
- Red (60%)
- Green (100%)
- Blue (67%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 56.151, 146.396 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, 56.151, 146.396 by changing the saturation by 10% instead.


 92, 56.151,
146.396


 92, 56.151,
146.396


 100, 56.151,
146.396


 82, 56.151,
146.396

 72, 56.151,
146.396

 62, 56.151,
146.396

 52, 56.151,
146.396

 42, 56.151,
146.396

 32, 56.151,
146.396

 22, 56.151,

146.396

■ 12, 56.151,
146.396

■ 2, 56.151, 146.396

■ 92, 56.151,
146.396

■ 92, 56.151,
146.396

■ 91, 69.293,
145.211

■ 94, 42.406,
147.425

■ 90, 81.503,
143.866

■ 95, 28.340,
148.312

■ 89, 92.443,
142.376

■ 97, 14.191,
149.082

■ 88, 101.776,
140.792

■ 100, 0.146,
152.195

■ 88, 109.202,
139.204

100, 0.430,
323.736

■ 88, 114.512,
137.793

Harmonies

Complementary

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



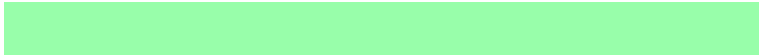
92, 56.151, 146.396



76, 56.223, 332.292

Rectangle

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



92, 56.151, 146.396



92, 56.151, 196.396



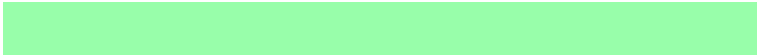
92, 56.151, 326.396



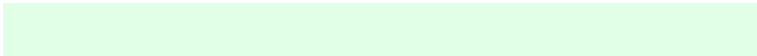
92, 56.151, 16.396

Sweetspot

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



92, 56.152, 146.396



97, 16.897, 148.944



97, 51.198, 113.787



52, 11.215, 148.847



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, 56.152, 146.396



91, 66.727, 145.474



93, 37.997, 169.477



52, 7.994, 149.126



68, 91.851, 138.051



23, 40.000, 140.380

Inverse Universe

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



76, 56.223, 332.292



72, 66.551, 332.832



74, 42.263, 358.531



50, 8.016, 330.273



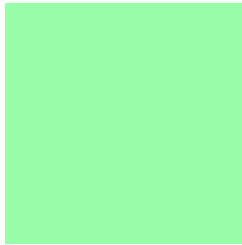
44, 81.110, 336.773



12, 37.924, 335.567

Previews

White Background



This preview shows how the CIE LCh color 92, 56.151, 146.396 looks on a white background.

Color Contrast Check

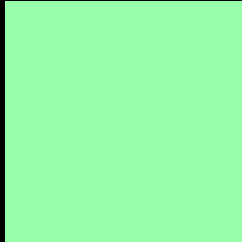
Large Text (above 18pt) WCAG AA × Fail

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, 56.151, 146.396 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

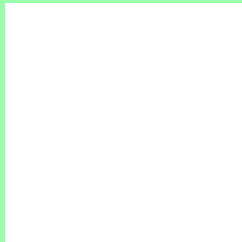
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 56.151, 146.396

Background



This preview shows how black text looks on a background with the CIELCh color 92, 56.151, 146.396.

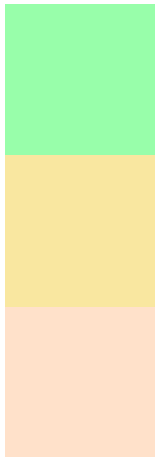


This preview shows how white text looks on a background with the CIELCh color 92, 56.151, 146.396.

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, 56.151, 146.396

Protanopia
92, 37.018, 96.015

Deuteranopia
91, 16.504, 65.599

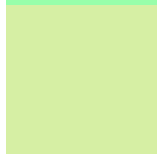


Tritanopia
92, 18.256, 223.774

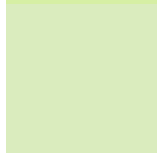
Trichromacy



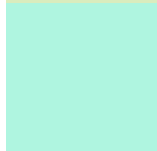
Original Color
92, 56.151, 146.396



Protanomaly
91, 39.378, 121.303



Deuteranomaly
91, 24.602, 124.195

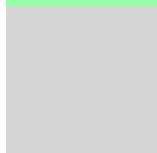


Tritanomaly
92, 26.204, 173.135

Monochromacy



Original Color
92, 56.151, 146.396



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 21.103, 148.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 56.151, 146.396 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(152, 254, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 254, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 56.151, 146.396 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, 170) }
```

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

```
.border{ border-color:rgb(152, 254, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 254, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 254, 170);  
box-shadow:4px 4px 4px 4px rgb(152, 254,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 56.151, 146.396 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, 170) }
```

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

```
.background{ background-color: rgb(152,  
254, 170) }
```

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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