

Converting Colors

CIELCh(92, 56.478, 147.058)

Have a look what the booklet for
CIELCh(92, 56.478, 147.058)
contains.

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Color

CIELCh(92, 56.715, 147.048)

Conversions

Conversions Part 1

Format	Color
Hex	96FFAB
RGB	150, 255, 171
RGB Percent	59%, 100%, 67%
CMY	0.4130, 0.0012, 0.3305
CMYK	0.41, 0.00, 0.33, 0.00
HSL	132°, 99%, 79%
HSV	132°, 41%, 100%
XYZ	55.5044, 80.7044, 51.0349
YIQ	214.0290, -35.6160, -48.3840

Conversions

Conversions Part 2

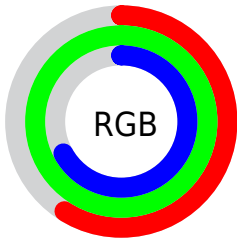
Format	Color
RYB	150, 238, 255
Decimal	9895851
CIELab	92.00, -47.59, 30.85
CIELCh	92, 56.715, 147.048
Yxy	80.7044, 0.2964, 0.4310
Android (android.graphics.Color)	4288085931 (0xFF96FFAB)
YUV	214.0290, -21.2133, -56.1534
Hunter-Lab	89.8356, -46.9273, 29.2028

Details

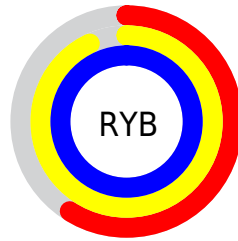
The CIELCh color **92, 56.715, 147.048** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 56.841, 333.270**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.945, 157.336**, and **72, 56.968, 146.960** is the 20% darker color. If you saturate the color by 10%, you get **91, 69.565, 145.830**, and if you desaturate by 10%, it is **94, 43.246, 148.105**.

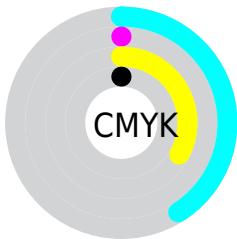
Distribution



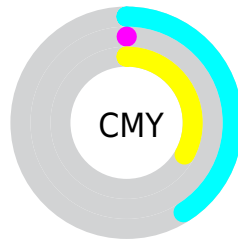
- Red (59%)
- Green (100%)
- Blue (67%)



- Red (59%)
- Yellow (93%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 56.715, 147.048 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, 56.715, 147.048 by changing the saturation by 10% instead.


 92, 56.715,
147.048


 92, 56.715,
147.048


 100, 56.715,
147.048


 82, 56.715,
147.048

 72, 56.715,
147.048

 62, 56.715,
147.048

 52, 56.715,
147.048

 42, 56.715,
147.048

 32, 56.715,
147.048

 22, 56.715,

147.048

■ 12, 56.715,
147.048

■ 2, 56.715, 147.048

■ 92, 56.715,
147.048

■ 92, 56.715,
147.048

■ 91, 69.565,
145.830

■ 94, 43.246,
148.105

■ 90, 81.483,
144.446

■ 95, 29.433,
149.017

■ 89, 92.150,
142.909

■ 97, 15.513,
149.810

■ 88, 101.266,
141.262

■ 100, 1.673,
150.680

■ 88, 108.574,
139.592

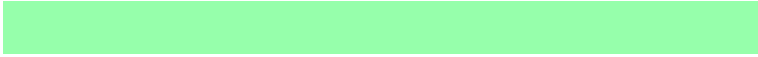
100, 0.201,
322.911

■ 88, 113.409,
138.244

Harmonies

Complementary

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



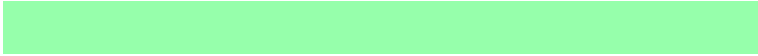
92, 56.715, 147.048



75, 56.841, 333.270

Rectangle

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



92, 56.715, 147.048



92, 56.715, 197.048



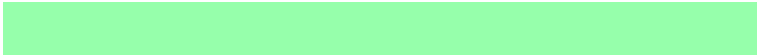
92, 56.715, 327.048



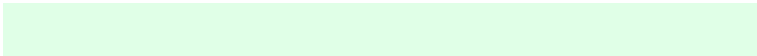
92, 56.715, 17.048

Sweetspot

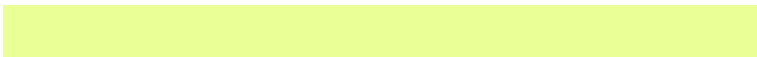
The Sweet Spot groups the original color and five complimentary colors.



92, 56.716, 147.048



97, 16.607, 149.752



96, 52.826, 115.168



52, 11.023, 149.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

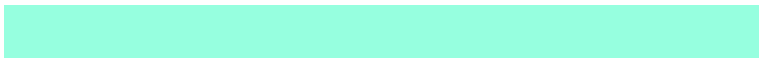
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 56.716, 147.048



91, 66.841, 146.115



93, 37.985, 171.629



52, 7.857, 149.937



68, 90.816, 138.527



23, 39.443, 140.983

Inverse Universe

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



75, 56.841, 333.270



72, 66.713, 333.834



74, 43.045, 1.098



50, 7.882, 331.103



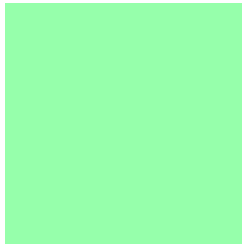
43, 79.670, 338.196



11, 37.321, 336.761

Previews

White Background



This preview shows how the CIE LCh color 92, 56.715, 147.048 looks on a white background.

Color Contrast Check

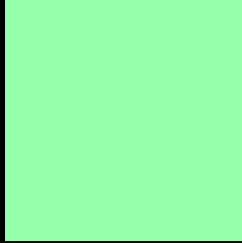
Large Text (above 18pt) WCAG AA × Fail

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, 56.715, 147.048 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, 56.715, 147.048

Background



This preview shows how black text looks on a background with the CIELCh color 92, 56.715, 147.048.

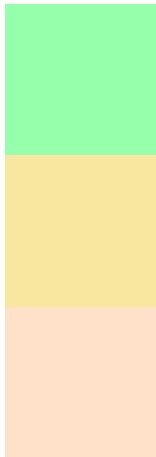


This preview shows how white text looks on a background with the CIELCh color 92, 56.715, 147.048.

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, 56.715, 147.048

Protanopia
92, 37.018, 96.015

Deuteranopia
91, 16.504, 65.599

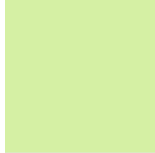


Tritanopia
92, 18.525, 223.368

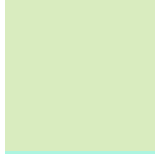
Trichromacy



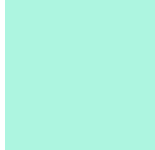
Original Color
92, 56.715, 147.048



Protanomaly
91, 40.037, 122.152



Deuteranomaly
91, 24.225, 125.374

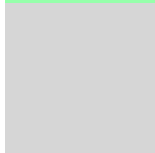


Tritanomaly
91, 26.758, 173.629

Monochromacy



Original Color
92, 56.715, 147.048



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 21.334, 148.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 56.715, 147.048 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(150, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 171)  
}
```

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(150, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 56.715, 147.048 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(150, 255, 171) }
```

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

```
.border{ border-color:rgb(150, 255, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 56.715, 147.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 171) }
```

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

```
.background{ background-color: rgb(150,  
255, 171) }
```

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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