

Converting Colors

CIELCh(100, 78.510, 143.982)

Have a look what the booklet for
CIELCh(100, 78.510, 143.982)
contains.

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Color

CIELCh(92, 62.458, 145.843)

Conversions

Conversions Part 1

Format	Color
Hex	8EFFA2
RGB	142, 255, 162
RGB Percent	56%, 100%, 64%
CMY	0.4422, 0.0000, 0.3641
CMYK	0.44, 0.00, 0.36, 0.00
HSL	131°, 100%, 78%
HSV	131°, 44%, 100%
XYZ	53.8895, 80.7044, 46.9894
YIQ	210.6110, -37.4950, -52.8790

Conversions

Conversions Part 2

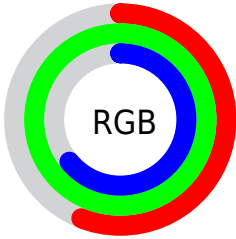
Format	Color
RYB	142, 238, 255
Decimal	9371554
CIELab	92.00, -51.68, 35.07
CIElCh	92, 62.458, 145.843
Yxy	80.7044, 0.2968, 0.4444
Android (android.graphics.Color)	4287561634 (0xFF8EFFA2)
YUV	210.6110, -23.9652, -60.1718
Hunter-Lab	89.8356, -50.1360, 31.8727

Details

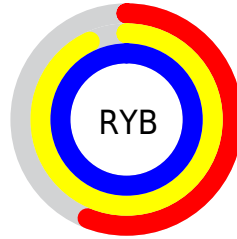
The CIELCh color **92, 62.458, 145.843** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 61.736, 332.585**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 27.227, 153.721**, and **71, 61.826, 145.964** is the 20% darker color. If you saturate the color by 10%, you get **90, 74.586, 144.686**, and if you desaturate by 10%, it is **93, 48.203, 147.030**.

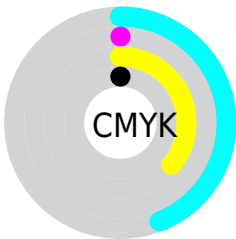
Distribution



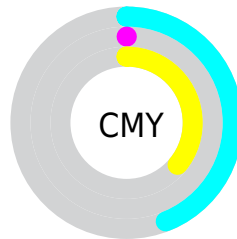
- Red (56%)
- Green (100%)
- Blue (64%)



- Red (56%)
- Yellow (93%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)




- Cyan (44%)
- Magenta (0%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 62.458, 145.843 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, 62.458, 145.843 by changing the saturation by 10% instead.


 92, 62.458,
145.843


 92, 62.458,
145.843


 100, 62.458,
145.843


 82, 62.458,
145.843

 72, 62.458,
145.843

 62, 62.458,
145.843

 52, 62.458,
145.843

 42, 62.458,
145.843

 32, 62.458,
145.843

 22, 62.458,

145.843

■ 12, 62.458,
145.843

■ 2, 62.458, 145.843

■ 92, 62.458,
145.843

■ 92, 62.458,
145.843

■ 90, 74.586,
144.686

■ 93, 48.203,
147.030

■ 89, 86.338,
143.278

■ 95, 34.210,
147.974

■ 89, 96.675,
141.740

■ 97, 20.043,
148.788

■ 88, 105.274,
140.140

■ 99, 5.909, 149.525

100, 0.012,

■ 88,111.861,
138.585

296.813

■ 88,114.733,
137.797

Harmonies

Complementary

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



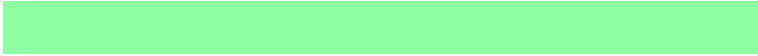
92, 62.458, 145.843



74, 61.736, 332.585

Rectangle

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



92, 62.458, 145.843



92, 62.458, 195.843



92, 62.458, 325.843



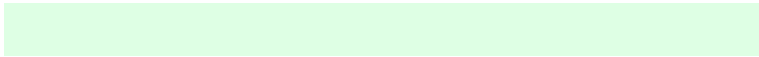
92, 62.458, 15.843

Sweetspot

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



92, 61.763, 145.938



97, 18.310, 148.881



97, 56.275, 113.510



51, 12.825, 148.713



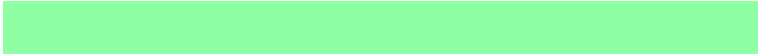
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 61.763, 145.938



91, 73.069, 144.848



93, 41.577, 168.946



52, 7.992, 149.138



68, 91.837, 138.057



23, 39.993, 140.388

Inverse Universe

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



74, 61.736, 332.585



70, 72.588, 333.192



72, 46.740, 359.246



50, 8.014, 330.284



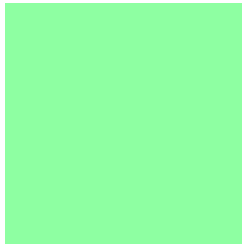
44, 81.090, 336.792



12, 37.915, 335.583

Previews

White Background



This preview shows how the CIE LCh color 92, 62.458, 145.843 looks on a white background.

Color Contrast Check

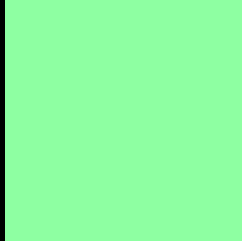
Large Text (above 18pt) WCAG AA × Fail

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, 62.458, 145.843 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, 62.458, 145.843

Background



This preview shows how black text looks on a background with the CIELCh color 92, 62.458, 145.843.

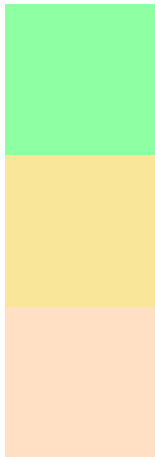


This preview shows how white text looks on a background with the CIELCh color 92, 62.458, 145.843.

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, 61.869, 145.939

Protanopia
91, 40.564, 96.026

Deuteranopia
91, 18.378, 68.869

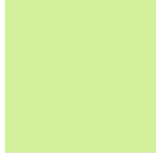


Tritanopia
91, 19.863, 221.516

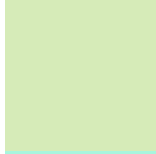
Trichromacy



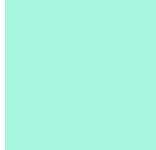
Original Color
92, 61.869, 145.939



Protanomaly
91, 43.619, 121.757

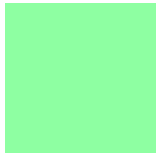


Deuteranomaly
90, 27.403, 124.849

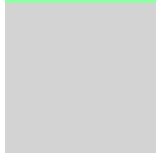


Tritanomaly
91, 28.919, 172.001

Monochromacy



Original Color
92, 61.869, 145.939



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 23.293, 148.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 62.458, 145.843 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 62.458, 145.843 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, 162) }
```

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

```
.border{ border-color:rgb(142, 255, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 62.458, 145.843 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, 162) }
```

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

```
.background{ background-color: rgb(142,  
255, 162) }
```

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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