

Converting Colors

CIELCh(92, 61.615, 144.942)

Have a look what the booklet for
CIELCh(92, 61.615, 144.942)
contains.

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Color

CIELCh(92, 61.103, 145.175)

Conversions

Conversions Part 1

Format	Color
Hex	93FFA3
RGB	147, 255, 163
RGB Percent	58%, 100%, 64%
CMY	0.4251, 0.0000, 0.3625
CMYK	0.43, 0.00, 0.36, 0.00
HSL	129°, 100%, 79%
HSV	129°, 43%, 100%
XYZ	54.4873, 80.7044, 47.1516
YIQ	212.2200, -34.8360, -51.5080

Conversions

Conversions Part 2

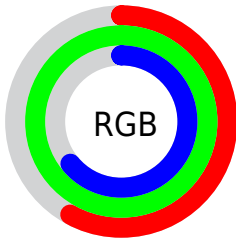
Format	Color
RYB	147, 241, 255
Decimal	9699235
CIELab	92.00, -50.16, 34.89
CIELCh	92, 61.103, 145.175
Yxy	80.7044, 0.2988, 0.4426
Android (android.graphics.Color)	4287889315 (0xFF93FFA3)
YUV	212.2200, -24.2655, -57.1979
Hunter-Lab	89.8356, -48.9481, 31.7657

Details

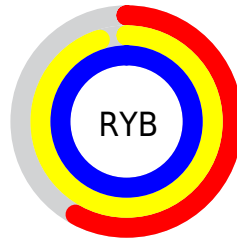
The CIELCh color **92, 61.103, 145.175** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 60.701, 331.397**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 25.648, 152.032**, and **72, 60.953, 145.190** is the 20% darker color. If you saturate the color by 10%, you get **91, 73.992, 144.012**, and if you desaturate by 10%, it is **93, 46.816, 146.268**.

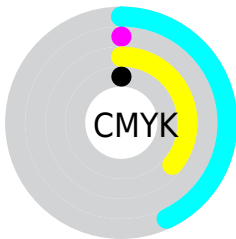
Distribution



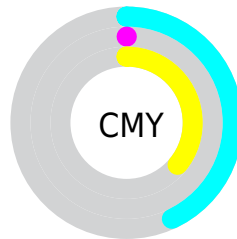
- Red (58%)
- Green (100%)
- Blue (64%)



- Red (58%)
- Yellow (95%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 61.103, 145.175 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, 61.103, 145.175 by changing the saturation by 10% instead.

■ 92, 61.103,
145.175

■ 92, 61.103,
145.175

■ 100, 61.103,
145.175

■ 82, 61.103,
145.175

■ 72, 61.103,
145.175

■ 62, 61.103,
145.175

■ 52, 61.103,
145.175

■ 42, 61.103,
145.175

■ 32, 61.103,
145.175

■ 22, 61.103,

145.175

■ 12, 61.103,
145.175

■ 2, 61.103, 145.175

■ 92, 61.103,
145.175

■ 92, 61.103,
145.175

■ 91, 73.992,
144.012

■ 93, 46.816,
146.268

■ 90, 86.155,
142.659

■ 95, 32.472,
147.176

■ 89, 96.871,
141.190

■ 97, 17.991,
147.960

■ 88, 105.767,
139.677

■ 99, 3.578, 148.703

100, 0.012,

■ 88,112.509,
138.232

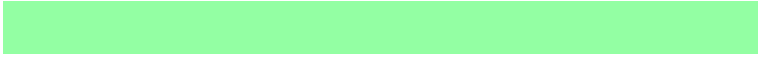
296.813

■ 88,116.068,
137.315

Harmonies

Complementary

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



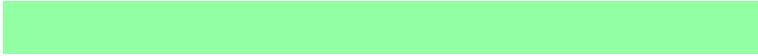
92, 61.103, 145.175



75, 60.701, 331.397

Rectangle

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



92, 61.103, 145.175



92, 61.103, 195.175



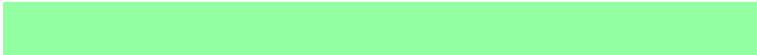
92, 61.103, 325.175



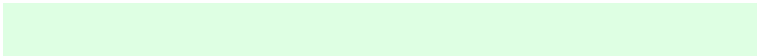
92, 61.103, 15.175

Sweetspot

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



92, 60.761, 145.217



97, 18.700, 147.924



97, 54.036, 112.141



51, 13.099, 147.759



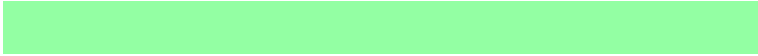
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

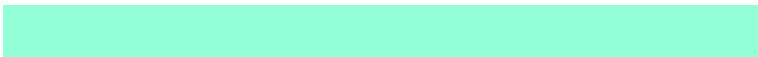
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 60.761, 145.217



91, 72.053, 144.204



93, 41.239, 166.988



52, 8.162, 148.177



68, 92.973, 137.544



23, 40.628, 139.727

Inverse Universe

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



75, 60.701, 331.397



71, 71.612, 331.942



73, 45.467, 356.614



50, 8.182, 329.301



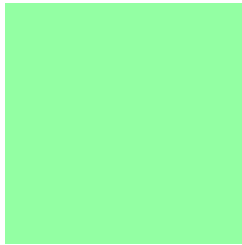
44, 82.932, 335.135



12, 38.680, 334.184

Previews

White Background



This preview shows how the CIE LCh color 92, 61.103, 145.175 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, 61.103, 145.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

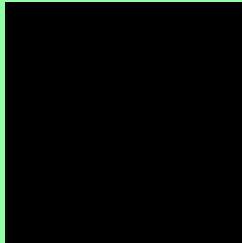
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 61.103, 145.175

Background



This preview shows how black text looks on a background with the CIELCh color 92, 61.103, 145.175.



This preview shows how white text looks on a background with the CIELCh color 92, 61.103, 145.175.

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, 60.509, 145.261

Protanopia
91, 40.649, 95.465

Deuteranopia
91, 17.697, 68.827

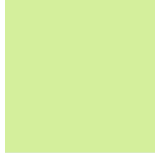


Tritanopia
92, 19.061, 222.593

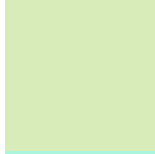
Trichromacy



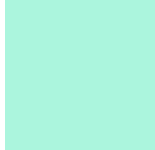
Original Color
92, 60.509, 145.261



Protanomaly
91, 43.412, 120.797



Deuteranomaly
91, 26.780, 124.434

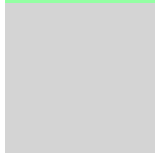


Tritanomaly
91, 28.109, 171.281

Monochromacy



Original Color
92, 60.509, 145.261



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 23.044, 147.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 61.103, 145.175 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(147, 255, 163)` looks like.

```
.text, #text, p{  
    color:rgb(147, 255, 163)  
}
```

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(147, 255, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 255, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 61.103, 145.175 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(147, 255, 163) }
```

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

```
.border{ border-color:rgb(147, 255, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 255, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(147, 255,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 61.103, 145.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 255, 163) }
```

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

```
.background{ background-color: rgb(147,  
255, 163) }
```

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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