

Converting Colors

CIELCh(92, 57.549, 145.320)

Have a look what the booklet for
CIELCh(92, 57.549, 145.320)
contains.

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Color

CIELCh(92, 57.162, 145.255)

Conversions

Conversions Part 1

Format	Color
Hex	99FEA7
RGB	153, 254, 167
RGB Percent	60%, 100%, 65%
CMY	0.3987, 0.0026, 0.3439
CMYK	0.40, 0.00, 0.34, 0.00
HSL	128°, 99%, 80%
HSV	128°, 40%, 100%
XYZ	55.7522, 80.7044, 49.3501
YIQ	213.8830, -32.2690, -48.4690

Conversions

Conversions Part 2

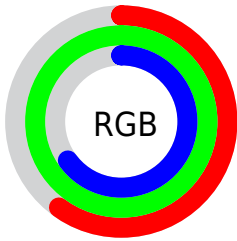
Format	Color
RYB	153, 242, 254
Decimal	10092199
CIELab	92.00, -46.97, 32.58
CIElCh	92, 57.162, 145.255
Yxy	80.7044, 0.3001, 0.4343
Android (android.graphics.Color)	4288282279 (0xFF99FEA7)
YUV	213.8830, -23.1133, -53.3944
Hunter-Lab	89.8356, -46.4348, 30.3147

Details

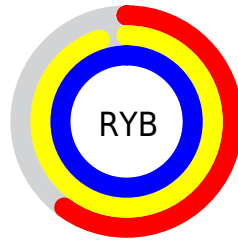
The CIELCh color **92, 57.162, 145.255** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 57.151, 330.908**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.683, 151.956**, and **72, 57.503, 145.221** is the 20% darker color. If you saturate the color by 10%, you get **91, 70.681, 144.099**, and if you desaturate by 10%, it is **94, 43.018, 146.261**.

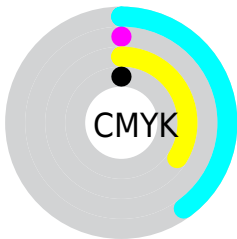
Distribution



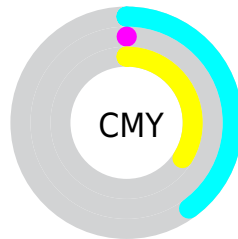
- Red (60%)
- Green (100%)
- Blue (65%)



- Red (60%)
- Yellow (95%)
- 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, 57.162, 145.255 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, 57.162, 145.255 by changing the saturation by 10% instead.


 92, 57.162,
145.255


 92, 57.162,
145.255


 100, 57.162,
145.255


 82, 57.162,
145.255

 72, 57.162,
145.255

 62, 57.162,
145.255


 52, 57.162,
145.255

 42, 57.162,
145.255


 32, 57.162,
145.255


 22, 57.162,


145.255


 12, 57.162,
145.255


 2, 57.162, 145.255


 92, 57.162,
145.255

 92, 57.162,
145.255


 91, 70.681,
144.099


 94, 43.018,
146.261

 90, 83.219,
142.794

 95, 28.550,
147.128

 89, 94.394,
141.367

 98, 14.008,
147.880

 88, 103.815,
139.880

100, 0.404,
325.028

■ 88, 111.118,
138.439

100, 0.417,
323.715

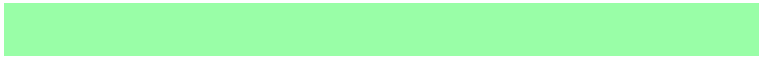
■ 88, 116.086,
137.214

■ 88, 116.198,
137.187

Harmonies

Complementary

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



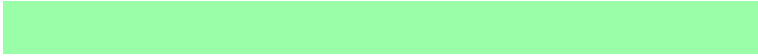
92, 57.162, 145.255



76, 57.151, 330.908

Rectangle

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



92, 57.162, 145.255



92, 57.162, 195.255



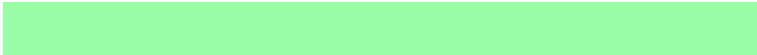
92, 57.162, 325.255



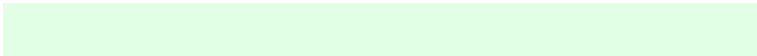
92, 57.162, 15.255

Sweetspot

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



92, 57.163, 145.255



97, 17.362, 147.716



97, 50.550, 112.344



52, 11.524, 147.621



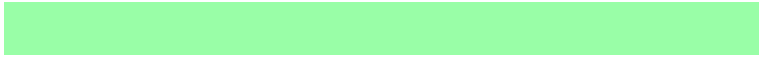
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

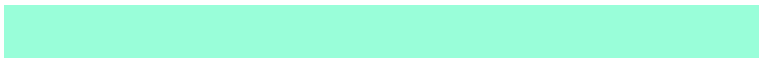
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 57.163, 145.255



91, 68.564, 144.307



93, 38.673, 167.349



52, 8.213, 147.894



68, 93.285, 137.405



23, 40.816, 139.536

Inverse Universe

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



76, 57.151, 330.908



72, 68.271, 331.429



75, 42.377, 356.157



50, 8.233, 329.013



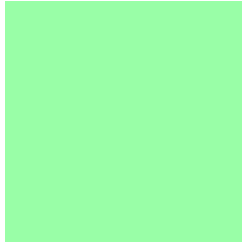
44, 83.501, 334.655



12, 38.915, 333.777

Previews

White Background



This preview shows how the CIE LCh color 92, 57.162, 145.255 looks on a white background.

Color Contrast Check

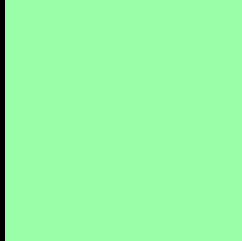
Large Text (above 18pt) WCAG AA × Fail

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, 57.162, 145.255 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

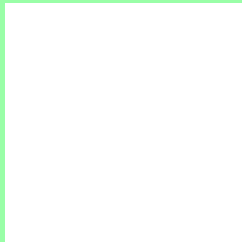
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 57.162, 145.255

Background



This preview shows how black text looks on a background with the CIELCh color 92, 57.162, 145.255.

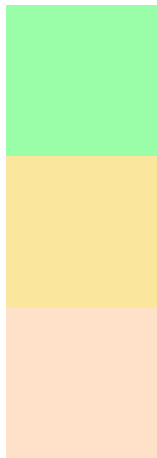


This preview shows how white text looks on a background with the CIELCh color 92, 57.162, 145.255.

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, 57.162, 145.255

Protanopia
92, 38.576, 95.700

Deuteranopia
91, 16.895, 66.728

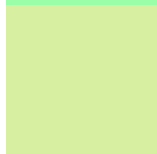


Tritanopia
92, 17.988, 224.193

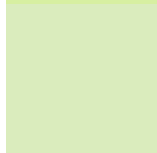
Trichromacy



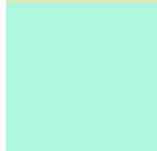
Original Color
92, 57.162, 145.255



Protanomaly
91, 40.725, 120.206



Deuteranomaly
91, 25.092, 123.858

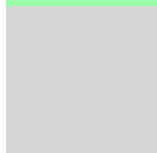


Tritanomaly
92, 26.193, 171.883

Monochromacy



Original Color
92, 57.162, 145.255



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, 57.162, 145.255 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(153, 254, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 254, 167)  
}
```

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(153, 254, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 254, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 57.162, 145.255 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(153, 254, 167) }
```

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

```
.border{ border-color:rgb(153, 254, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 254, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 254, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 254, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 254,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 57.162, 145.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 254, 167) }
```

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

```
.background{ background-color: rgb(153,  
254, 167) }
```

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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