

Converting Colors

CIELCh(100, 83.804, 138.233)

Have a look what the booklet for
CIELCh(100, 83.804, 138.233)
contains.

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Color

CIElCh(92, 68.537, 138.148)

Conversions

Conversions Part 1

Format	Color
Hex	9BFF8D
RGB	155, 255, 141
RGB Percent	61%, 100%, 55%
CMY	0.3940, 0.0000, 0.4490
CMYK	0.39, 0.00, 0.45, 0.00
HSL	113°, 100%, 78%
HSV	113°, 45%, 100%
XYZ	54.1371, 80.7044, 37.7310
YIQ	212.1040, -23.0060, -56.6540

Conversions

Conversions Part 2

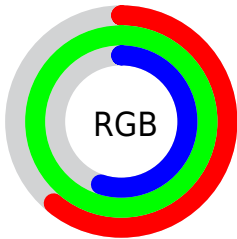
Format	Color
RYB	141, 255, 241
Decimal	10223501
CIELab	92.00, -51.05, 45.73
CIELCh	92, 68.537, 138.148
Yxy	80.7044, 0.3137, 0.4677
Android (android.graphics.Color)	4288413581 (0xFF9BFF8D)
YUV	212.1040, -35.0543, -50.0802
Hunter-Lab	89.8356, -49.6439, 37.9831

Details

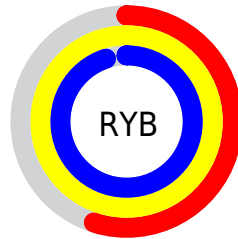
The CIELCh color **92, 68.537, 138.148** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 68.825, 323.143**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 33.765, 135.020**, and **72, 68.282, 138.001** is the 20% darker color. If you saturate the color by 10%, you get **91, 82.107, 137.314**, and if you desaturate by 10%, it is **93, 53.485, 138.937**.

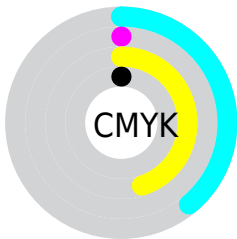
Distribution



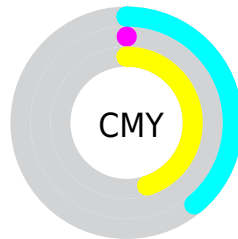
- Red (61%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)




- Cyan (39%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 68.537, 138.148 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, 68.537, 138.148 by changing the saturation by 10% instead.

 92, 68.537,
138.148


 92, 68.537,
138.148

 100, 68.537,
138.148


 82, 68.537,
138.148

 72, 68.537,
138.148

 62, 68.537,
138.148

 52, 68.537,
138.148

 42, 68.537,
138.148

 32, 68.537,
138.148

 22, 68.537,


138.148


 12, 68.537,
138.148


 2, 68.537, 138.148


 92, 68.537,
138.148


 92, 68.537,
138.148


 91, 82.107,
137.314


 93, 53.485,
138.937

 90, 94.599,
136.512

 95, 38.257,
139.658

 89, 105.080,
135.847

 97, 22.843,
140.297

 88, 112.888,
135.457

 99, 7.462, 140.871

100, 0.012,

■ 88,117.577,
135.444

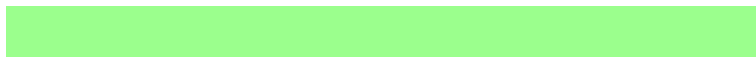
296.813

■ 88,118.967,
135.520

Harmonies

Complementary

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



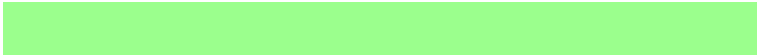
92, 68.537, 138.148



73, 68.825, 323.143

Rectangle

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



92, 68.537, 138.148



92, 68.537, 188.148



92, 68.537, 318.148



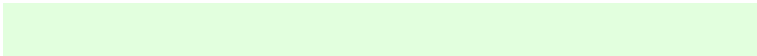
92, 68.537, 8.148

Sweetspot

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



92, 68.233, 138.145



97, 19.915, 140.409



94, 50.248, 99.108



51, 13.949, 140.278



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

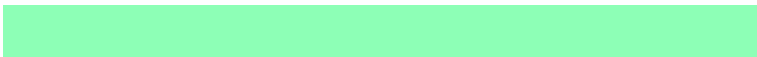
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 68.233, 138.145



91, 80.909, 137.389



92, 54.132, 152.805



52, 8.692, 140.610



68, 95.683, 135.413



23, 42.847, 135.084

Inverse Universe

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



73, 68.825, 323.143



68, 81.502, 323.467



73, 55.219, 340.965



50, 8.726, 321.510



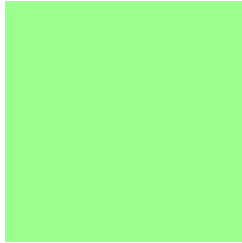
41, 93.928, 323.498



11, 43.145, 324.051

Previews

White Background



This preview shows how the CIE LCh color 92, 68.537, 138.148 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, 68.537, 138.148 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, 68.537, 138.148

Background



This preview shows how black text looks on a background with the CIELCh color 92, 68.537, 138.148.

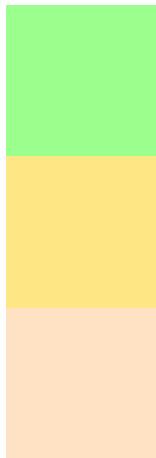


This preview shows how white text looks on a background with the CIELCh color 92, 68.537, 138.148.

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, 67.951, 138.155

Protanopia
91, 50.990, 95.349

Deuteranopia
91, 19.366, 72.468

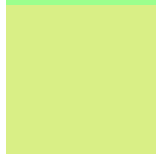


Tritanopia
92, 17.911, 226.219

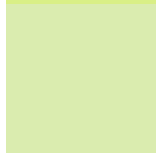
Trichromacy



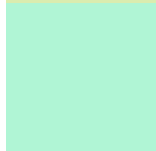
Original Color
92, 67.951, 138.155



Protanomaly
91, 53.365, 115.423



Deuteranomaly
91, 31.979, 120.097

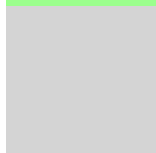


Tritanomaly
91, 29.206, 162.984

Monochromacy



Original Color
92, 67.951, 138.155



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 25.853, 140.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 68.537, 138.148 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(155, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 141)  
}
```

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(155, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 68.537, 138.148 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(155, 255, 141) }
```

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

```
.border{ border-color:rgb(155, 255, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 68.537, 138.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 141) }
```

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

```
.background{ background-color: rgb(155,  
255, 141) }
```

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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