

Converting Colors

CIELCh(91, 69.039, 140.975)

Have a look what the booklet for
CIELCh(91, 69.039, 140.975)
contains.

CIELCh(91, 69.340, 140.938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 69.340, 140.938)

Conversions

Conversions Part 1

Format	Color
Hex	8EFE8E
RGB	142, 254, 142
RGB Percent	56%, 100%, 56%
CMY	0.4437, 0.0044, 0.4436
CMYK	0.44, 0.00, 0.44, 0.00
HSL	120°, 98%, 78%
HSV	120°, 44%, 100%
XYZ	51.4026, 78.4833, 37.9806
YIQ	207.7440, -30.8000, -58.5760

Conversions

Conversions Part 2

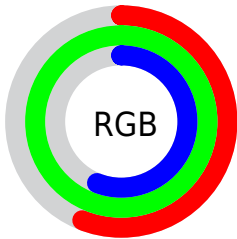
Format	Color
RYB	142, 254, 254
Decimal	9371278
CIELab	91.00, -53.84, 43.70
CIElCh	91, 69.340, 140.938
Yxy	78.4833, 0.3062, 0.4675
Android (android.graphics.Color)	4287561358 (0xFF8EFE8E)
YUV	207.7440, -32.4118, -57.6575
Hunter-Lab	88.5908, -51.4637, 36.5948

Details

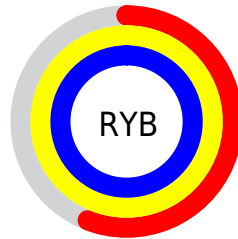
The CIELCh color **91, 69.340, 140.938** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 69.110, 326.795**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 35.553, 141.211**, and **71, 68.902, 141.074** is the 20% darker color. If you saturate the color by 10%, you get **90, 83.487, 139.832**, and if you desaturate by 10%, it is **93, 54.167, 141.942**.

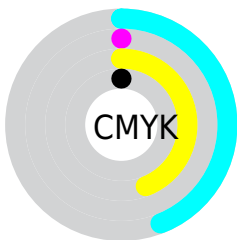
Distribution



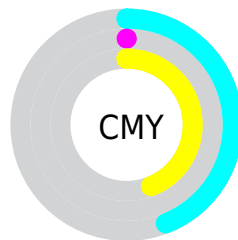
- Red (56%)
- Green (100%)
- Blue (56%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 69.340, 140.938 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 91, 69.340, 140.938 by changing the saturation by 10% instead.

■ 91, 69.340,
140.938

■ 91, 69.340,
140.938

■ 100, 69.340,
140.938

■ 81, 69.340,
140.938

■ 71, 69.340,
140.938

■ 61, 69.340,
140.938


■ 51, 69.340,
140.938

■ 41, 69.340,
140.938


■ 31, 69.340,
140.938


■ 21, 69.340,


140.938


 11, 69.340,
140.938


 1, 69.340, 140.938


 91, 69.340,
140.938


 91, 69.340,
140.938


 90, 83.487,
139.832


 93, 54.167,
141.942

 89, 96.053,
138.681

 94, 38.414,
142.823

 88, 106.401,
137.592

 96, 22.435,
143.583

 88, 113.891,
136.713

 99, 6.495, 144.257

100, 0.713,

■ 87,118.121,
136.180

324.033

■ 87,119.373,
136.016

Harmonies

Complementary

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



91, 69.340, 140.938



75, 69.110, 326.795

Rectangle

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



91, 69.340, 140.938



91, 69.340, 190.938



91, 69.340, 320.938



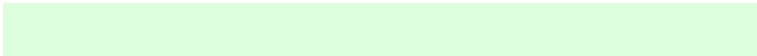
91, 69.340, 10.938

Sweetspot

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



91, 69.341, 140.938



97, 20.721, 143.661



98, 55.418, 105.922



51, 14.515, 143.506



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 69.341, 140.938



90, 82.267, 139.958



92, 47.528, 159.114



52, 9.043, 143.899



68, 96.473, 136.017



22, 43.823, 136.778

Inverse Universe

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



75, 69.110, 326.795



71, 81.687, 327.194



73, 50.013, 348.240



50, 9.056, 324.949



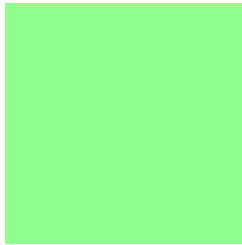
45, 93.076, 328.236



12, 42.820, 328.236

Previews

White Background



This preview shows how the CIE LCh color 91, 69.340, 140.938 looks on a white background.

Color Contrast Check

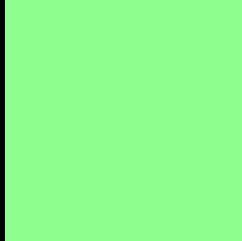
Large Text (above 18pt) WCAG AA × Fail

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 91, 69.340, 140.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

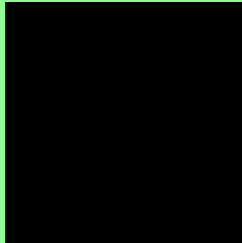
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

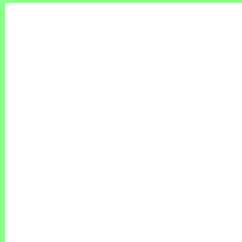
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 69.340, 140.938

Background



This preview shows how black text looks on a background with the CIELCh color 91, 69.340, 140.938.

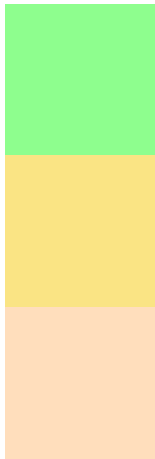


This preview shows how white text looks on a background with the CIELCh color 91, 69.340, 140.938.

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
91, 69.340, 140.938

Protanopia
91, 49.552, 95.612

Deuteranopia
90, 21.853, 72.900

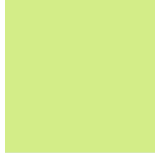


Tritanopia
91, 20.972, 223.346

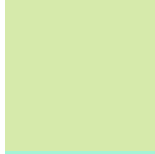
Trichromacy



Original Color
91, 69.340, 140.938



Protanomaly
90, 51.877, 117.559



Deuteranomaly
90, 33.193, 120.927

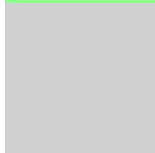


Tritanomaly
91, 31.460, 167.679

Monochromacy



Original Color
91, 69.340, 140.938



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 26.297, 143.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 69.340, 140.938 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, 254, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 254, 142)  
}
```

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, 254, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 254, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 69.340, 140.938 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, 254, 142) }
```

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

```
.border{ border-color:rgb(142, 254, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 254, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 254, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 254, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 254,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 69.340, 140.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 254, 142) }
```

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

```
.background{ background-color: rgb(142,  
254, 142) }
```

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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