

Converting Colors

CIELCh(91, 73.538, 140.620)

Have a look what the booklet for
CIELCh(91, 73.538, 140.620)
contains.

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Color

CIELCh(91, 73.332, 140.661)

Conversions

Conversions Part 1

Format	Color
Hex	88FF88
RGB	136, 255, 136
RGB Percent	53%, 100%, 53%
CMY	0.4669, 0.0002, 0.4669
CMYK	0.47, 0.00, 0.47, 0.00
HSL	120°, 100%, 77%
HSV	120°, 47%, 100%
XYZ	50.3218, 78.4833, 35.7668
YIQ	205.8530, -32.7250, -62.2370

Conversions

Conversions Part 2

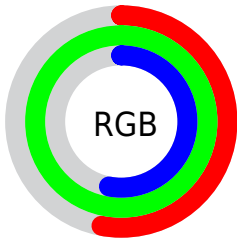
Format	Color
RYB	136, 255, 255
Decimal	8978312
CIELab	91.00, -56.72, 46.49
CIElCh	91, 73.332, 140.661
Yxy	78.4833, 0.3058, 0.4769
Android (android.graphics.Color)	4287168392 (0xFF88FF88)
YUV	205.8530, -34.4375, -61.2611
Hunter-Lab	88.5908, -53.6415, 38.0764

Details

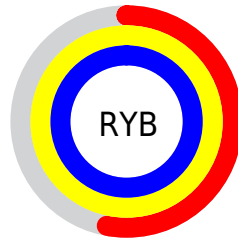
The CIELCh color **91, 73.332, 140.661** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 73.021, 326.915**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 39.315, 141.203**, and **71, 73.338, 140.634** is the 20% darker color. If you saturate the color by 10%, you get **90, 87.176, 139.536**, and if you desaturate by 10%, it is **92, 58.325, 141.695**.

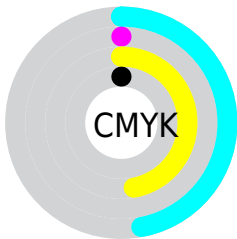
Distribution



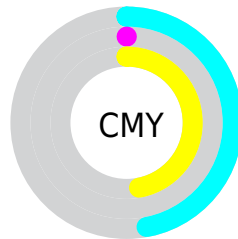
- Red (53%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 73.332, 140.661 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, 73.332, 140.661 by changing the saturation by 10% instead.


 91, 73.332,
140.661


 91, 73.332,
140.661


 100, 73.332,
140.661


 81, 73.332,
140.661

 71, 73.332,
140.661

 61, 73.332,
140.661


 51, 73.332,
140.661

 41, 73.332,
140.661


 31, 73.332,
140.661


 21, 73.332,


140.661


 11, 73.332,
140.661

 1, 73.332, 140.661

 91, 73.332,
140.661


 91, 73.332,
140.661


 90, 87.176,
139.536


 92, 58.325,
141.695


 89, 99.276,
138.388

 94, 42.629,
142.608

 88, 108.978,
137.338

 96, 26.624,
143.398

 88, 115.670,
136.538

 98, 10.599,
144.084

■ 88, 119.080,
136.104

100, 0.048,
317.940

■ 88, 119.756,
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, 73.332, 140.661



74, 73.021, 326.915

Rectangle

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



91, 73.332, 140.661



91, 73.332, 190.661



91, 73.332, 320.661



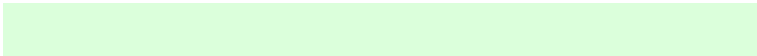
91, 73.332, 10.661

Sweetspot

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



91, 73.333, 140.661



97, 22.327, 143.591



98, 58.611, 105.690



51, 15.428, 143.436



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

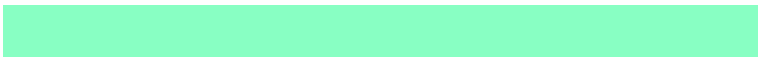
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 73.333, 140.661



90, 86.300, 139.614



92, 50.236, 158.767



52, 9.043, 143.898



68, 96.474, 136.016



22, 43.824, 136.778

Inverse Universe

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



74, 73.021, 326.915



70, 85.553, 327.316



71, 52.952, 348.606



50, 9.056, 324.949



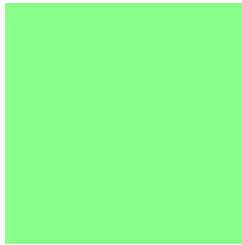
45, 93.078, 328.235



12, 42.821, 328.235

Previews

White Background



This preview shows how the CIE LCh color 91, 73.332, 140.661 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, 73.332, 140.661 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

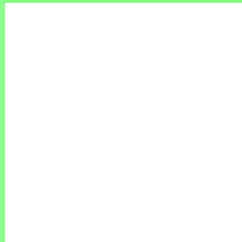
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 73.332, 140.661

Background



This preview shows how black text looks on a background with the CIELCh color 91, 73.332, 140.661.

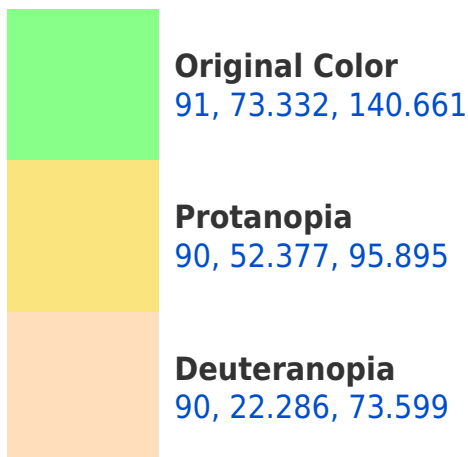


This preview shows how white text looks on a background with the CIELCh color 91, 73.332, 140.661.

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



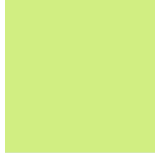


Tritanopia
91, 21.595, 220.997

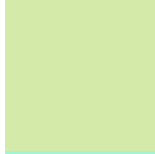
Trichromacy



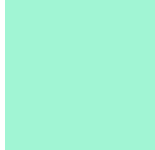
Original Color
91, 73.332, 140.661



Protanomaly
90, 55.338, 117.876



Deuteranomaly
90, 34.853, 121.483

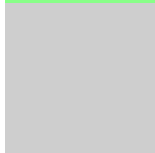


Tritanomaly
91, 33.392, 166.393

Monochromacy



Original Color
91, 73.332, 140.661



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 27.610, 143.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 73.332, 140.661 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(136, 255, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 136)  
}
```

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(136, 255, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 73.332, 140.661 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(136, 255, 136) }
```

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

```
.border{ border-color:rgb(136, 255, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 255, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 255, 136); box-shadow:4px 4px 4px 4px rgb(136, 255, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 73.332, 140.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 136) }
```

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

```
.background{ background-color: rgb(136,  
255, 136) }
```

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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