

Converting Colors

CIELCh(91, 73.356, 138.637)

Have a look what the booklet for
CIELCh(91, 73.356, 138.637)
contains.

CIELCh(91, 73.157, 138.624)	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, 73.157, 138.624)

Conversions

Conversions Part 1

Format	Color
Hex	8FFE84
RGB	143, 254, 132
RGB Percent	56%, 100%, 52%
CMY	0.4387, 0.0034, 0.4819
CMYK	0.44, 0.00, 0.48, 0.00
HSL	115°, 99%, 76%
HSV	115°, 48%, 100%
XYZ	51.0039, 78.4833, 34.3317
YIQ	206.9030, -26.9940, -61.4740

Conversions

Conversions Part 2

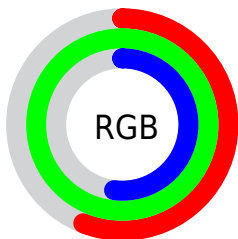
Format	Color
RYB	132, 254, 243
Decimal	9436804
CIELab	91.00, -54.90, 48.36
CIELCh	91, 73.157, 138.624
Yxy	78.4833, 0.3113, 0.4791
Android (android.graphics.Color)	4287626884 (0xFF8FFE84)
YUV	206.9030, -36.9272, -56.0429
Hunter-Lab	88.5908, -52.2671, 39.0369

Details

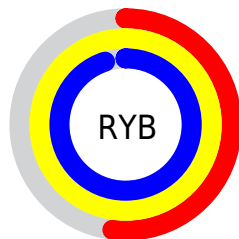
The CIELCh color **91, 73.157, 138.624** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 73.483, 324.249**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 39.723, 136.829**, and **71, 72.979, 138.549** is the 20% darker color. If you saturate the color by 10%, you get **90, 86.682, 137.720**, and if you desaturate by 10%, it is **92, 58.569, 139.492**.

Distribution



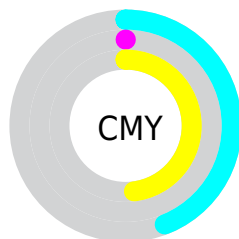
- Red (56%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 73.157, 138.624 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, 73.157, 138.624 by changing the saturation by 10% instead.


 91, 73.157,
138.624


 91, 73.157,
138.624


 100, 73.157,
138.624


 81, 73.157,
138.624

 71, 73.157,
138.624

 61, 73.157,
138.624


 51, 73.157,
138.624

 41, 73.157,
138.624


 31, 73.157,
138.624


 21, 73.157,


138.624


 11, 73.157,
138.624


 1, 73.157, 138.624


 91, 73.157,
138.624


 91, 73.157,
138.624


 90, 86.682,
137.720


 92, 58.569,
139.492


 89, 98.582,
136.856

 94, 43.356,
140.281

 88, 108.201,
136.155

 96, 27.858,
140.979

 88, 114.914,
135.755

 98, 12.329,
141.593

■ 88, 118.487,
135.717

100, 0.549,
323.897

■ 88, 118.965,
135.709

Harmonies

Complementary

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



91, 73.157, 138.624



71, 73.483, 324.249

Rectangle

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



91, 73.157, 138.624



91, 73.157, 188.624



91, 73.157, 318.624



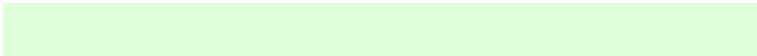
91, 73.157, 8.624

Sweetspot

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



91, 73.158, 138.625



97, 21.680, 141.234



94, 55.001, 100.631



51, 14.981, 141.099



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

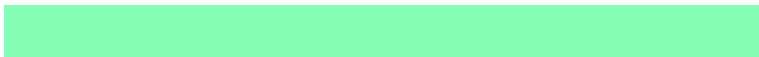
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 73.158, 138.625



90, 86.905, 137.720



91, 55.922, 153.825



52, 8.782, 141.505



68, 95.958, 135.625



23, 43.096, 135.531

Inverse Universe

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



71, 73.483, 324.249



67, 87.011, 324.593



71, 57.396, 343.050



50, 8.810, 322.440



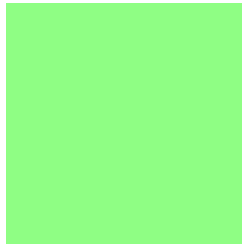
42, 93.626, 324.718



11, 43.032, 325.132

Previews

White Background



This preview shows how the CIE LCh color 91, 73.157, 138.624 looks on a white background.

Color Contrast Check

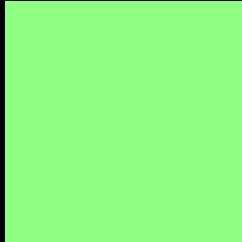
Large Text (above 18pt) WCAG AA × Fail

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, 73.157, 138.624 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

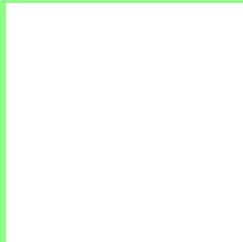
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 73.157, 138.624

Background



This preview shows how black text looks on a background with the CIELCh color 91, 73.157, 138.624.

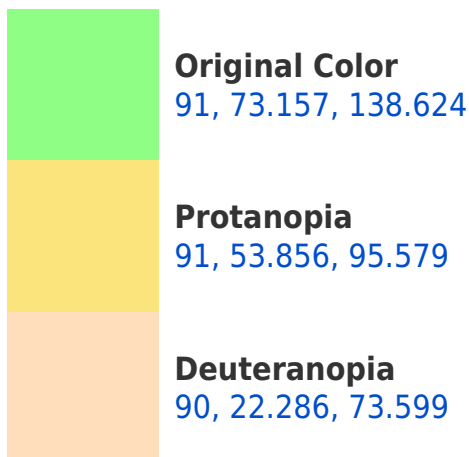


This preview shows how white text looks on a background with the CIELCh color 91, 73.157, 138.624.

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, 20.714, 223.693

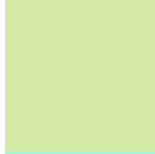
Trichromacy



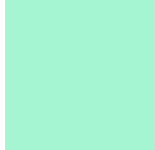
Original Color
91, 73.157, 138.624



Protanomaly
90, 56.910, 116.225



Deuteranomaly
90, 35.152, 120.070

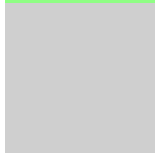


Tritanomaly
90, 32.456, 164.389

Monochromacy



Original Color
91, 73.157, 138.624



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 27.430, 140.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 73.157, 138.624 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(143, 254, 132)` looks like.

```
.text, #text, p{  
    color:rgb(143, 254, 132)  
}
```

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(143, 254, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 254, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 73.157, 138.624 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(143, 254, 132) }
```

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

```
.border{ border-color:rgb(143, 254, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 254, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 254, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 254, 132);  
box-shadow:4px 4px 4px 4px rgb(143, 254,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 73.157, 138.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 254, 132) }
```

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

```
.background{ background-color: rgb(143,  
254, 132) }
```

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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