

Converting Colors

CIELCh(91, 74.557, 139.776)

Have a look what the booklet for
CIELCh(91, 74.557, 139.776)
contains.

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Color

CIELCh(91, 74.736, 139.669)

Conversions

Conversions Part 1

Format	Color
Hex	89FF84
RGB	137, 255, 132
RGB Percent	54%, 100%, 52%
CMY	0.4629, 0.0001, 0.4824
CMYK	0.46, 0.00, 0.48, 0.00
HSL	118°, 100%, 76%
HSV	118°, 48%, 100%
XYZ	50.2259, 78.4833, 34.3220
YIQ	205.6960, -30.8450, -63.2690

Conversions

Conversions Part 2

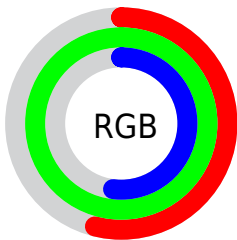
Format	Color
RYB	132, 255, 250
Decimal	9043844
CIELab	91.00, -56.97, 48.37
CIElCh	91, 74.736, 139.669
Yxy	78.4833, 0.3081, 0.4814
Android (android.graphics.Color)	4287233924 (0xFF89FF84)
YUV	205.6960, -36.3321, -60.2464
Hunter-Lab	88.5908, -53.8347, 39.0433

Details

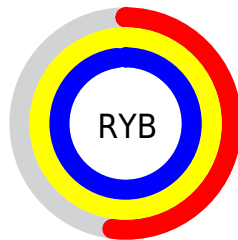
The CIELCh color **91, 74.736, 139.669** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 74.658, 325.764**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 40.842, 139.277**, and **71, 74.693, 139.681** is the 20% darker color. If you saturate the color by 10%, you get **90, 88.325, 138.642**, and if you desaturate by 10%, it is **92, 59.981, 140.635**.

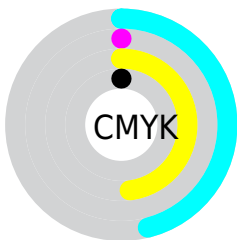
Distribution



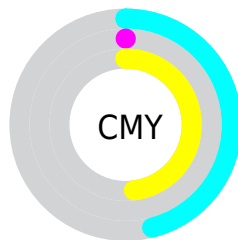
- Red (54%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 74.736, 139.669 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, 74.736, 139.669 by changing the saturation by 10% instead.

 91, 74.736,
139.669

 91, 74.736,
139.669

 100, 74.736,
139.669

 81, 74.736,
139.669

 71, 74.736,
139.669

 61, 74.736,
139.669

 51, 74.736,
139.669

 41, 74.736,
139.669

 31, 74.736,
139.669

 21, 74.736,

139.669


 11, 74.736,
139.669


 1, 74.736, 139.669


 91, 74.736,
139.669


 91, 74.736,
139.669

 90, 88.325,
138.642


 92, 59.981,
140.635


 89, 100.164,
137.632

 94, 44.529,
141.501

 88, 109.592,
136.761

 96, 28.749,
142.259

 88, 116.001,
136.176

 98, 12.920,
142.919

■ 88, 119.217,
135.946

100, 0.025,
312.032

■ 88, 119.585,
135.904

Harmonies

Complementary

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



91, 74.736, 139.669



72, 74.658, 325.764

Rectangle

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



91, 74.736, 139.669



91, 74.736, 189.669



91, 74.736, 319.669



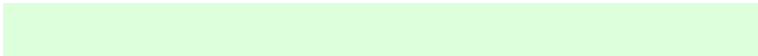
91, 74.736, 9.669

Sweetspot

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



91, 74.737, 139.669



97, 22.032, 142.549



96, 57.861, 103.201



51, 15.224, 142.404



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

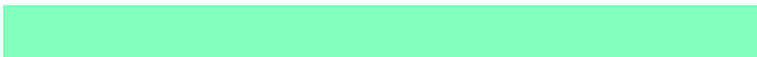
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 74.737, 139.669



90, 88.024, 138.667



92, 54.016, 156.078



52, 8.924, 142.839



68, 96.260, 135.855



22, 43.491, 136.216

Inverse Universe

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



72, 74.658, 325.764



68, 87.552, 326.135



71, 56.127, 345.863



50, 8.944, 323.834



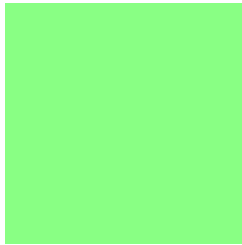
44, 93.271, 326.633



12, 42.897, 326.824

Previews

White Background



This preview shows how the CIE LCh color 91, 74.736, 139.669 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, 74.736, 139.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

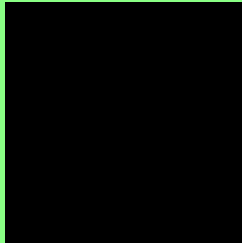
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

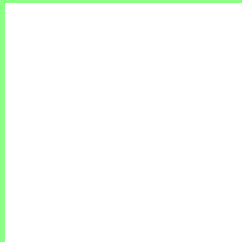
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 74.736, 139.669

Background



This preview shows how black text looks on a background with the CIELCh color 91, 74.736, 139.669.

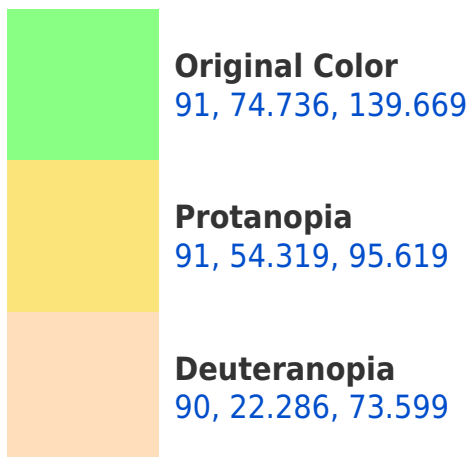


This preview shows how white text looks on a background with the CIELCh color 91, 74.736, 139.669.

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](#).

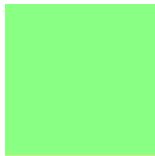
Dichromacy



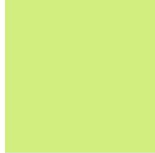


Tritanopia
91, 21.334, 221.305

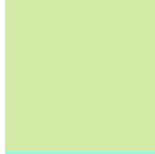
Trichromacy



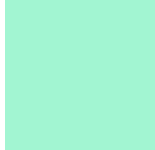
Original Color
91, 74.736, 139.669



Protanomaly
90, 57.073, 116.997



Deuteranomaly
90, 35.341, 121.262

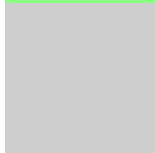


Tritanomaly
91, 33.774, 164.717

Monochromacy



Original Color
91, 74.736, 139.669



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 28.483, 142.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 74.736, 139.669 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(137, 255, 132)` looks like.

```
.text, #text, p{  
    color:rgb(137, 255, 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(137, 255, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 255, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 74.736, 139.669 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(137, 255, 132) }
```

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

```
.border{ border-color:rgb(137, 255, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 255, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 255, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 255, 132); box-shadow:4px 4px 4px 4px rgb(137, 255, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 74.736, 139.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 255, 132) }
```

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

```
.background{ background-color: rgb(137,  
255, 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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