

Converting Colors

CIELCh(91, 66.535, 144.781)

Have a look what the booklet for
CIELCh(91, 66.535, 144.781)
contains.

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Color

CIELCh(91, 66.213, 144.835)

Conversions

Conversions Part 1

Format	Color
Hex	87FE99
RGB	135, 254, 153
RGB Percent	53%, 100%, 60%
CMY	0.4698, 0.0031, 0.3993
CMYK	0.47, 0.00, 0.40, 0.00
HSL	129°, 99%, 76%
HSV	129°, 47%, 100%
XYZ	51.2934, 78.4833, 42.6614
YIQ	206.9050, -38.5030, -56.6390

Conversions

Conversions Part 2

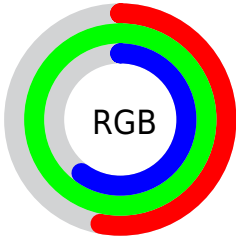
Format	Color
RYB	135, 238, 254
Decimal	8912537
CIELab	91.00, -54.13, 38.13
CIELCh	91, 66.213, 144.835
Yxy	78.4833, 0.2975, 0.4551
Android (android.graphics.Color)	4287102617 (0xFF87FE99)
YUV	206.9050, -26.5752, -63.0607
Hunter-Lab	88.5908, -51.6839, 33.4621

Details

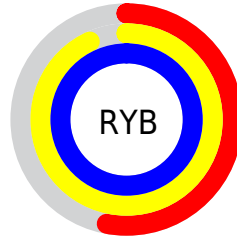
The CIELCh color **91, 66.213, 144.835** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 66.012, 331.813**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 32.498, 149.799**, and **71, 65.781, 144.982** is the 20% darker color. If you saturate the color by 10%, you get **90, 78.969, 143.562**, and if you desaturate by 10%, it is **92, 52.606, 145.954**.

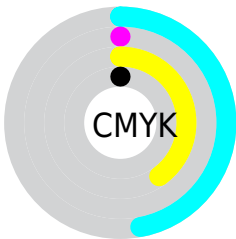
Distribution



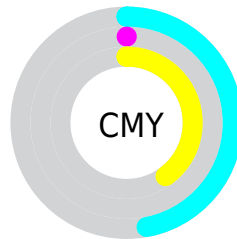
- Red (53%)
- Green (100%)
- Blue (60%)



- Red (53%)
- Yellow (93%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 66.213, 144.835 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, 66.213, 144.835 by changing the saturation by 10% instead.


 91, 66.213,
144.835


 91, 66.213,
144.835


 100, 66.213,
144.835


 81, 66.213,
144.835


 71, 66.213,
144.835

 61, 66.213,
144.835


 51, 66.213,
144.835

 41, 66.213,
144.835


 31, 66.213,
144.835


 21, 66.213,


144.835


 11, 66.213,
144.835


 1, 66.213, 144.835


 91, 66.213,
144.835


 91, 66.213,
144.835


 90, 78.969,
143.562


 92, 52.606,
145.954


 89, 90.507,
142.148

 94, 38.473,
146.923

 88, 100.455,
140.641

 96, 24.099,
147.759

 88, 108.458,
139.127

 98, 9.712, 148.491

100, 0.504,

■ 88, 114.231,
137.737

323.845

■ 88, 115.625,
137.375

Harmonies

Complementary

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



91, 66.213, 144.835



73, 66.012, 331.813

Rectangle

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



91, 66.213, 144.835



91, 66.213, 194.835



91, 66.213, 324.835



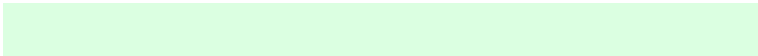
91, 66.213, 14.835

Sweetspot

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



91, 66.214, 144.835



97, 20.093, 147.973



96, 59.092, 112.594



51, 13.884, 147.809



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, 66.214, 144.835



90, 78.166, 143.670



92, 44.225, 167.492



52, 8.139, 148.300



68, 92.834, 137.606



23, 40.546, 139.810

Inverse Universe

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



73, 66.012, 331.813



69, 77.336, 332.409



71, 49.606, 358.538



50, 8.160, 329.427



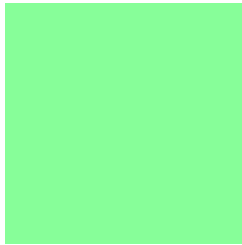
44, 82.687, 335.346



12, 38.578, 334.362

Previews

White Background



This preview shows how the CIE LCh color 91, 66.213, 144.835 looks on a white background.

Color Contrast Check

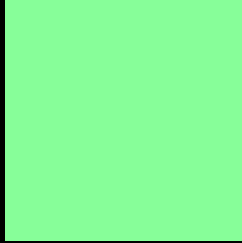
Large Text (above 18pt) WCAG AA × Fail

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, 66.213, 144.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

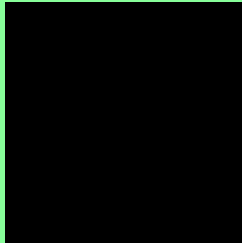
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 66.213, 144.835

Background



This preview shows how black text looks on a background with the CIELCh color 91, 66.213, 144.835.

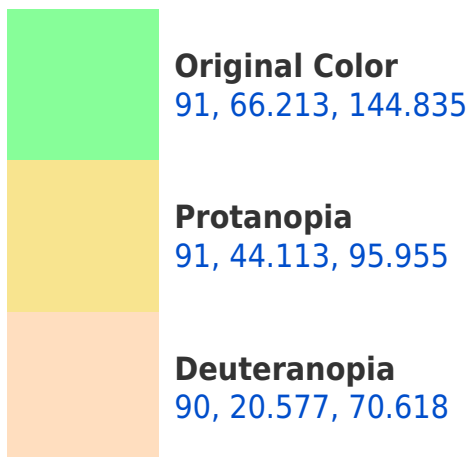



This preview shows how white text looks on a background with the CIELCh color 91, 66.213, 144.835.

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](#).

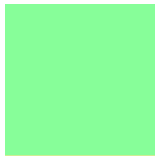
Dichromacy



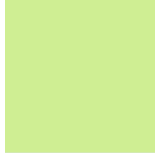


Tritanopia
91, 21.595, 220.997

Trichromacy



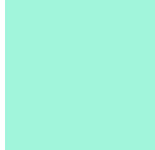
Original Color
91, 66.213, 144.835



Protanomaly
90, 47.641, 121.224



Deuteranomaly
90, 30.576, 124.400

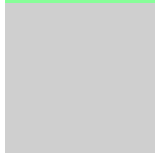


Tritanomaly
91, 31.606, 171.002

Monochromacy



Original Color
91, 66.213, 144.835



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 25.054, 147.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 66.213, 144.835 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(135, 254, 153)` looks like.

```
.text, #text, p{  
    color:rgb(135, 254, 153)  
}
```

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(135, 254, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 254, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 66.213, 144.835 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(135, 254, 153) }
```

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

```
.border{ border-color:rgb(135, 254, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 254, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 254, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 254, 153);  
box-shadow:4px 4px 4px 4px rgb(135, 254,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 66.213, 144.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 254, 153) }
```

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

```
.background{ background-color: rgb(135,  
254, 153) }
```

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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