

Converting Colors

CIELCh(91, 75.357, 137.111)

Have a look what the booklet for
CIELCh(91, 75.357, 137.111)
contains.

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Color

CIELCh(91, 75.185, 137.091)

Conversions

Conversions Part 1

Format	Color
Hex	91FE7E
RGB	145, 254, 126
RGB Percent	57%, 100%, 49%
CMY	0.4310, 0.0035, 0.5055
CMYK	0.43, 0.00, 0.50, 0.00
HSL	111°, 99%, 75%
HSV	111°, 50%, 100%
XYZ	50.9391, 78.4833, 32.2332
YIQ	206.8170, -23.8760, -62.9160

Conversions

Conversions Part 2

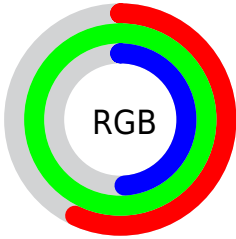
Format	Color
RYB	126, 254, 235
Decimal	9567870
CIELab	91.00, -55.07, 51.19
CIELCh	91, 75.185, 137.091
Yxy	78.4833, 0.3151, 0.4855
Android (android.graphics.Color)	4287757950 (0xFF91FE7E)
YUV	206.8170, -39.8428, -54.2135
Hunter-Lab	88.5908, -52.3976, 40.4413

Details

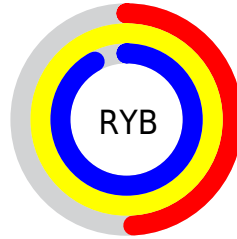
The CIELCh color **91, 75.185, 137.091** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **69, 76.068, 322.548**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 42.042, 134.005**, and **71, 74.887, 137.086** is the 20% darker color. If you saturate the color by 10%, you get **90, 88.296, 136.324**, and if you desaturate by 10%, it is **92, 60.983, 137.865**.

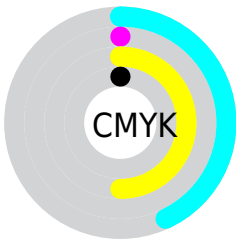
Distribution



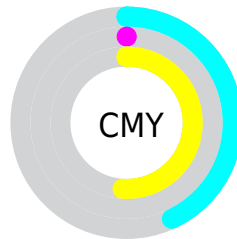
- Red (57%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 75.185, 137.091 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, 75.185, 137.091 by changing the saturation by 10% instead.


 91, 75.185,
137.091


 91, 75.185,
137.091


 100, 75.185,
137.091


 81, 75.185,
137.091

 71, 75.185,
137.091

 61, 75.185,
137.091

 51, 75.185,
137.091

 41, 75.185,
137.091

 31, 75.185,
137.091

 21, 75.185,

137.091

■ 11, 75.185,
137.091

■ 1, 75.185, 137.091

■ 91, 75.185,
137.091

■ 91, 75.185,
137.091

■ 90, 88.296,
136.324

■ 92, 60.983,
137.865

■ 89, 99.745,
135.653

■ 94, 46.126,
138.591

■ 88, 108.874,
135.206

■ 96, 30.950,
139.248

■ 88, 115.090,
135.111

■ 97, 15.700,
139.831

■ 88, 118.340,
135.327

■ 100, 0.556,
140.790

100, 0.566,
323.915

Harmonies

Complementary

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



91, 75.185, 137.091



69, 76.068, 322.548

Rectangle

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



91, 75.185, 137.091



91, 75.185, 187.091



91, 75.185, 317.091



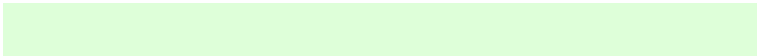
91, 75.185, 7.091

Sweetspot

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



91, 75.186, 137.092



97, 22.812, 139.570



93, 55.124, 97.497



51, 15.575, 139.446



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, 75.186, 137.092



90, 88.077, 136.351



91, 60.889, 151.390



52, 8.622, 139.879



68, 95.414, 135.204



23, 42.651, 134.726

Inverse Universe

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



69, 76.068, 322.548



65, 88.943, 322.828



70, 61.818, 340.713



50, 8.660, 320.753



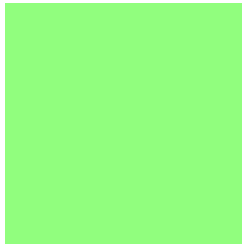
40, 94.208, 322.539



10, 43.250, 323.198

Previews

White Background



This preview shows how the CIE LCh color 91, 75.185, 137.091 looks on a white background.

Color Contrast Check

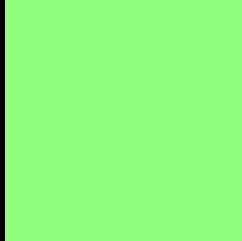
Large Text (above 18pt) WCAG AA × Fail

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, 75.185, 137.091 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

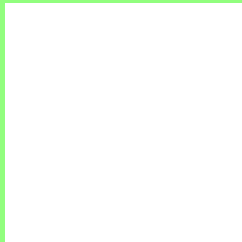
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 75.185, 137.091

Background



This preview shows how black text looks on a background with the CIELCh color 91, 75.185, 137.091.

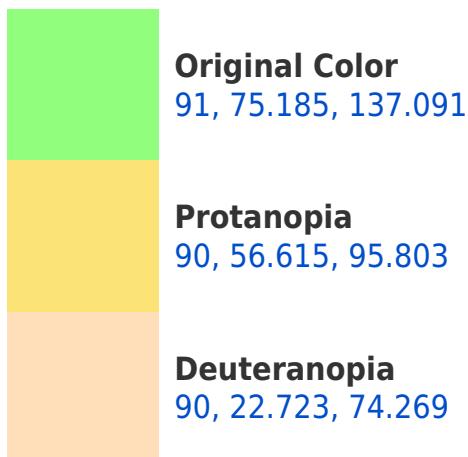



This preview shows how white text looks on a background with the CIELCh color 91, 75.185, 137.091.

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



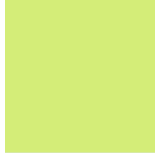


Tritanopia
91, 20.455, 224.051

Trichromacy



Original Color
91, 75.185, 137.091



Protanomaly
90, 59.119, 115.291



Deuteranomaly
90, 36.533, 118.896

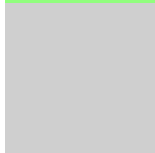


Tritanomaly
91, 32.607, 162.396

Monochromacy



Original Color
91, 75.185, 137.091



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 28.321, 139.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 75.185, 137.091 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(145, 254, 126)` looks like.

```
.text, #text, p{  
    color:rgb(145, 254, 126)  
}
```

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(145, 254, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 254, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 75.185, 137.091 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(145, 254, 126) }
```

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

```
.border{ border-color:rgb(145, 254, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 254, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 254, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 254, 126);  
box-shadow:4px 4px 4px 4px rgb(145, 254,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 75.185, 137.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 254, 126) }
```

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

```
.background{ background-color: rgb(145,  
254, 126) }
```

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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