

Converting Colors

CIELCh(91, 83.785, 132.005)

Have a look what the booklet for
CIELCh(91, 83.785, 132.005)
contains.

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Color

CIELCh(91, 83.736, 131.915)

Conversions

Conversions Part 1	
Format	Color
Hex	97FE65
RGB	151, 254, 101
RGB Percent	59%, 100%, 40%
CMY	0.4074, 0.0035, 0.6035
CMYK	0.41, 0.00, 0.60, 0.00
HSL	100°, 99%, 70%
HSV	100°, 60%, 100%
XYZ	50.6126, 78.4833, 24.8189
YIQ	205.7610, -12.2750, -69.4190

Conversions

Conversions Part 2

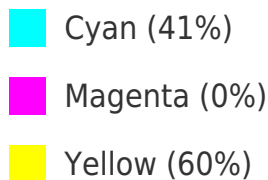
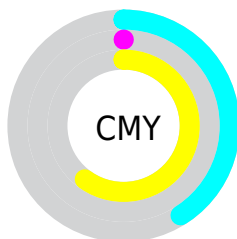
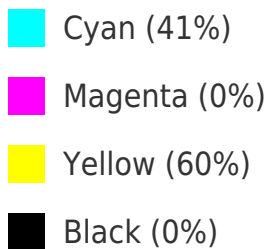
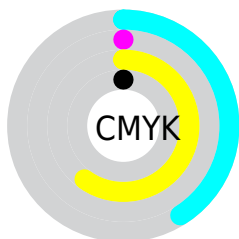
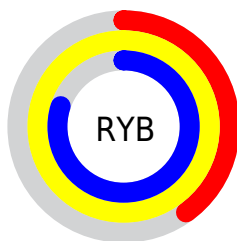
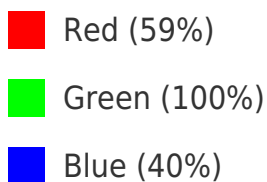
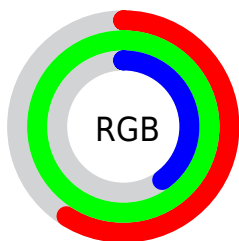
Format	Color
RYB	101, 254, 204
Decimal	9961061
CIELab	91.00, -55.94, 62.31
CIELCh	91, 83.736, 131.915
Yxy	78.4833, 0.3288, 0.5099
Android (android.graphics.Color)	4288151141 (0xFF97FE65)
YUV	205.7610, -51.6472, -48.0254
Hunter-Lab	88.5908, -53.0556, 45.4034

Details

The CIELCh color **91, 83.736, 131.915** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **61, 87.816, 317.300**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 52.007, 125.767**, and **71, 84.147, 131.977** is the 20% darker color. If you saturate the color by 10%, you get **90, 94.980, 131.631**, and if you desaturate by 10%, it is **92, 71.080, 132.371**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 83.736, 131.915 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, 83.736, 131.915 by changing the saturation by 10% instead.


 91, 83.736,
131.915


 91, 83.736,
131.915


 100, 83.736,
131.915


 81, 83.736,
131.915


 71, 83.736,
131.915

 61, 83.736,
131.915


 51, 83.736,
131.915

 41, 83.736,
131.915


 31, 83.736,
131.915


 21, 83.736,


131.915


 11, 83.736,
131.915


 1, 83.736, 131.915


 91, 83.736,
131.915


 91, 83.736,
131.915

 90, 94.980,
131.631


 92, 71.080,
132.371


 89, 104.189,
131.646


 93, 57.518,
132.901

 89, 110.788,
132.083

 95, 43.427,
133.444

 88, 114.720,
132.895

 96, 29.075,
133.966

 98, 14.652,
134.453

100, 0.293,
135.576

100, 0.560,
323.909

Harmonies

Complementary

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



91, 83.736, 131.915



61, 87.816, 317.300

Rectangle

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



91, 83.736, 131.915



91, 83.736, 181.915



91, 83.736, 311.915



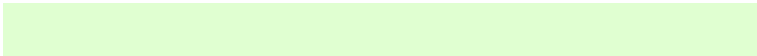
91, 83.736, 1.915

Sweetspot

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



91, 83.737, 131.916



97, 25.957, 134.077



84, 57.153, 82.909



51, 18.044, 133.931



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, 83.737, 131.916



90, 97.064, 131.608



90, 82.125, 143.558



52, 8.177, 134.486



68, 92.391, 132.667



23, 41.046, 131.477

Inverse Universe

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



61, 87.816, 317.300



55, 102.245, 317.449



67, 80.878, 333.296



49, 8.250, 315.263



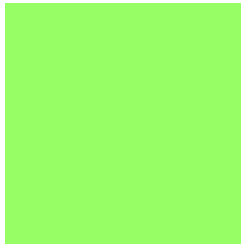
35, 96.955, 316.507



8, 44.276, 317.739

Previews

White Background



This preview shows how the CIE LCh color 91, 83.736, 131.915 looks on a white background.

Color Contrast Check

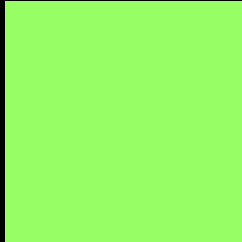
Large Text (above 18pt) WCAG AA × Fail

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, 83.736, 131.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

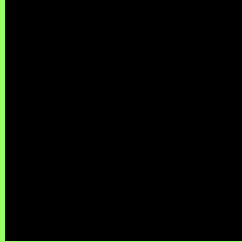
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

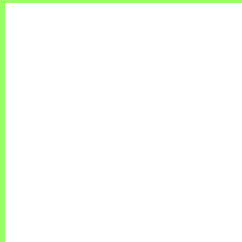
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 83.736, 131.915

Background



This preview shows how black text looks on a background with the CIELCh color 91, 83.736, 131.915.

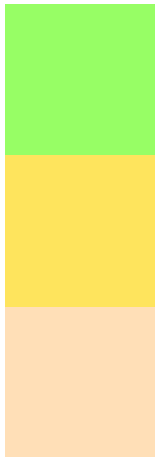


This preview shows how white text looks on a background with the CIELCh color 91, 83.736, 131.915.

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



Original Color


91, 83.736, 131.915

Protanopia

90, 67.292, 95.260

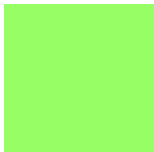
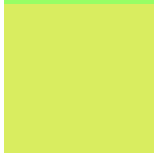

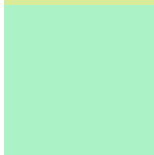
Deuteranopia

91, 24.262, 77.489

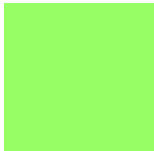
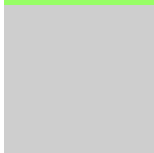



Tritanopia
91, 19.613, 227.048

Trichromacy

	Original Color 91, 83.736, 131.915
	Protanomaly 90, 69.115, 111.478
	Deuteranomaly 90, 41.750, 116.034
	Tritanomaly 90, 34.227, 155.547

Monochromacy

	Original Color 91, 83.736, 131.915
	Achromatopsia 83, 0.010, 296.813
	Achromatomaly 85, 31.911, 133.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 83.736, 131.915 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(151, 254, 101)` looks like.

```
.text, #text, p{  
    color:rgb(151, 254, 101)  
}
```


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(151, 254, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 254, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 83.736, 131.915 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(151, 254, 101) }
```


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

```
.border{ border-color:rgb(151, 254, 101) }
```

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

Here you see how a box with a 4 pixel rgb(151, 254, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 254, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 254, 101);  
box-shadow:4px 4px 4px 4px rgb(151, 254,  
101) }
```


Background

The CSS property to change the background color of an element to CIELCh 91, 83.736, 131.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 254, 101) }
```

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

```
.background{ background-color: rgb(151,  
254, 101) }
```

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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