

Converting Colors

CIELCh(83, 97.323, 141.963)

Have a look what the booklet for
CIELCh(83, 97.323, 141.963)
contains.

CIELCh(83, 97.180, 141.959)	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(83, 97.180, 141.959)

Conversions

Conversions Part 1

Format	Color
Hex	1AEE53
RGB	26, 238, 83
RGB Percent	10%, 93%, 33%
CMY	0.8983, 0.0655, 0.6734
CMYK	0.89, 0.00, 0.65, 0.07
HSL	136°, 86%, 52%
HSV	136°, 89%, 93%
XYZ	32.6537, 62.1629, 18.5160
YIQ	156.9420, -76.5970, -93.1490

Conversions

Conversions Part 2

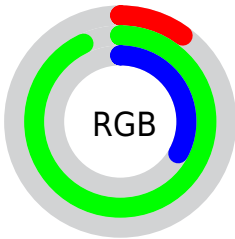
Format	Color
RYB	26, 193, 238
Decimal	1764947
CIELab	83.00, -76.54, 59.88
CIELCh	83, 97.180, 141.959
Yxy	62.1629, 0.2881, 0.5485
Android (android.graphics.Color)	4279955027 (0xFF1AEE53)
YUV	156.9420, -36.4534, -114.8361
Hunter-Lab	78.8435, -64.0488, 41.2665

Details

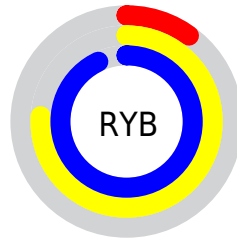
The CIELCh color **83, 97.180, 141.959** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **54, 88.466, 341.253**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 75.605, 143.815**, and **64, 89.895, 137.069** is the 20% darker color. If you saturate the color by 10%, you get **83, 103.098, 140.104**, and if you desaturate by 10%, it is **83, 89.819, 143.816**.

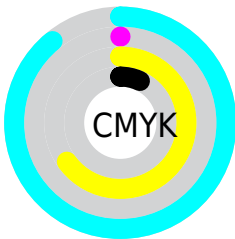
Distribution



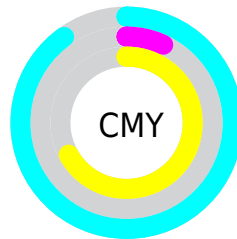
- Red (10%)
- Green (93%)
- Blue (33%)



- Red (10%)
- Yellow (76%)
- Blue (93%)



- Cyan (89%)
- Magenta (0%)
- Yellow (65%)
- Black (7%)





- Cyan (90%)
- Magenta (7%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 97.180, 141.959 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 83, 97.180, 141.959 by changing the saturation by 10% instead.


 83, 97.180,
141.959


 83, 97.180,
141.959


 100, 97.180,
141.959


 73, 97.180,
141.959

 63, 97.180,
141.959

 53, 97.180,
141.959

 43, 97.180,
141.959

 33, 97.180,
141.959

 23, 97.180,
141.959

 13, 97.180,

141.959

■ 3, 97.180, 141.959

■ 0, 97.180, 141.959

■ 83, 97.180,
141.959

■ 83, 97.180,
141.959

■ 83, 103.098,
140.104

■ 83, 89.819,
143.816

■ 83, 103.566,
139.956

■ 84, 81.075,
145.556

■ 85, 71.117,
147.130

■ 86, 60.167,
148.522

■ 87, 48.475,

149.736

■ 89, 36.292,
150.789

■ 90, 23.845,
151.703

■ 92, 11.331,
152.507

■ 94, 1.098, 332.817

Harmonies

Complementary

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



83, 97.180, 141.959



54, 88.466, 341.253

Rectangle

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



83, 97.180, 141.959



83, 97.180, 191.959



83, 97.180, 321.959



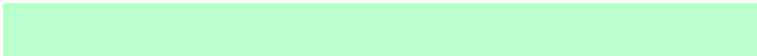
83, 97.180, 11.959

Sweetspot

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



83, 97.180, 141.959



94, 35.571, 150.984



88, 93.008, 117.466



50, 23.944, 150.650



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 97.180, 141.959



88, 109.201, 139.884



85, 59.127, 169.405



49, 7.096, 152.479



65, 84.530, 140.284



20, 34.234, 143.573

Inverse Universe

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



54, 88.466, 341.253



57, 93.806, 343.108



51, 81.149, 21.911



47, 7.128, 333.703



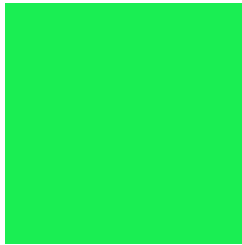
41, 73.565, 342.724



9, 32.965, 340.197

Previews

White Background



This preview shows how the CIE LCh color 83, 97.180, 141.959 looks on a white background.

Color Contrast Check

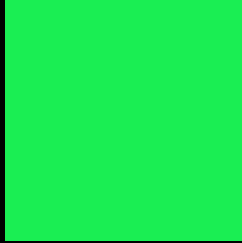
Large Text (above 18pt) WCAG AA × Fail

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 83, 97.180, 141.959 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 83, 97.180, 141.959

Background



This preview shows how black text looks on a background with the CIELCh color 83, 97.180, 141.959.

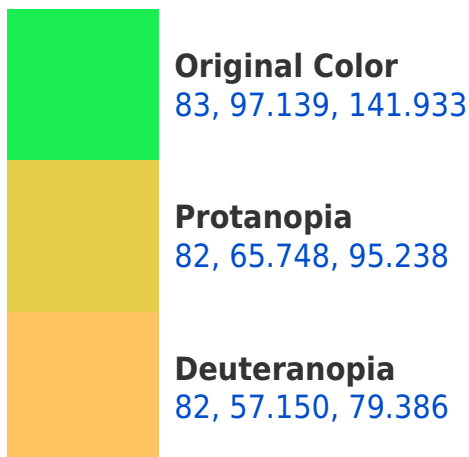


This preview shows how white text looks on a background with the CIELCh color 83, 97.180, 141.959.

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
83, 35.027, 213.203

Trichromacy



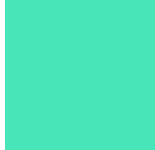
Original Color
83, 97.139, 141.933



Protanomaly
80, 73.214, 124.265



Deuteranomaly
80, 62.219, 120.584



Tritanomaly
82, 52.135, 168.718

Monochromacy



Original Color
83, 97.139, 141.933



Achromatopsia
65, 0.008, 296.813



Achromatomaly
70, 42.399, 149.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 97.180, 141.959 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(26, 238, 83)` looks like.

```
.text, #text, p{  
    color:rgb(26, 238, 83)  
}
```

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(26, 238, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 238, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 97.180, 141.959 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(26, 238, 83) }
```

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

```
.border{ border-color:rgb(26, 238, 83) }
```

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

Here you see how a box with a 4 pixel rgb(26, 238, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 238, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 238, 83);  
box-shadow:4px 4px 4px 4px rgb(26, 238,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 97.180, 141.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 238, 83) }
```

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

```
.background{ background-color: rgb(26, 238,  
83) }
```

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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