

Converting Colors

CIELCh(79, 108.188, 135.027)

Have a look what the booklet for
CIELCh(79, 108.188, 135.027)
contains.

CIELCh(79, 107.927, 135.063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(79, 107.927, 135.063)

Conversions

Conversions Part 1

Format	Color
Hex	27E201
RGB	39, 226, 1
RGB Percent	15%, 89%, 0%
CMY	0.8455, 0.1130, 0.9977
CMYK	0.83, 0.00, 1.00, 0.11
HSL	110°, 99%, 44%
HSV	110°, 100%, 89%
XYZ	28.0987, 54.9284, 9.1370
YIQ	144.4370, -39.2270, -109.6190

Conversions

Conversions Part 2

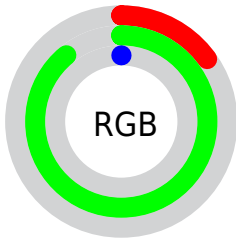
Format	Color
R_{YB}	1, 226, 188
Decimal	2613761
CIE _{Lab}	79.00, -76.40, 76.23
CIE _{LCh}	79, 107.927, 135.063
Yxy	54.9284, 0.3049, 0.5960
Android (android.graphics.Color)	4280803841 (0xFF27E201)
YUV	144.4370, -70.7144, -92.4682
Hunter-Lab	74.1137, -62.0244, 44.5701

Details

The CIELCh color **79, 107.927, 135.063** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **47, 107.115, 321.628**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 93.963, 134.544**, and **60, 88.014, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 107.999, 135.069**, and if you desaturate by 10%, it is **79, 104.444, 134.796**.

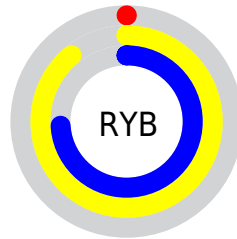
Distribution



Red (15%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (74%)

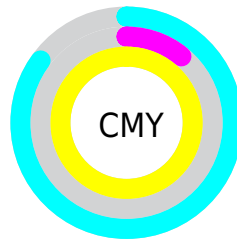


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (85%)


Magenta (11%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 107.927, 135.063 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 79, 107.927, 135.063 by changing the saturation by 10% instead.


 79, 107.927,
135.063


 79, 107.927,
135.063


 100, 107.927,
135.063


 69, 107.927,
135.063


 99, 107.927,
135.063

 59, 107.927,
135.063

 49, 107.927,
135.063

 39, 107.927,
135.063

 29, 107.927,
135.063

 19, 107.927,
135.063

 9, 107.927,

135.063

■ 0, 107.927,
135.063

■ 79, 107.927,
135.063

■ 79, 107.927,
135.063

■ 79, 107.999,
135.069

■ 79, 104.444,
134.796

■ 80, 98.385,
134.855

■ 80, 89.782,
135.258

■ 81, 79.186,
135.880

■ 82, 67.182,
136.597

■ 83, 54.261,
137.324

■ 85, 40.800,
138.011

■ 86, 27.081,
138.635

■ 88, 13.312,
139.193

Harmonies

Complementary

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



79, 107.927, 135.063



47, 107.115, 321.628

Rectangle

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



79, 107.927, 135.063



79, 107.927, 185.063



79, 107.927, 315.063



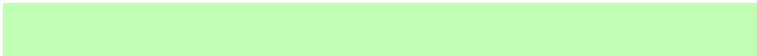
79, 107.927, 5.063

Sweetspot

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



79, 107.926, 135.064



94, 45.349, 137.981



77, 78.523, 89.138



50, 30.895, 137.695



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 107.926, 135.064



88, 118.330, 135.121



79, 96.194, 141.430



46, 7.706, 139.209



63, 89.356, 134.931



17, 33.759, 136.363

Inverse Universe

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



47, 107.115, 321.628



53, 117.364, 321.575



50, 83.221, 346.394



44, 7.744, 320.050



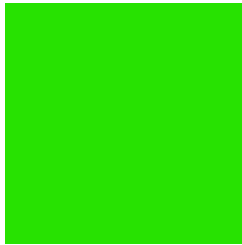
36, 88.802, 321.719



6, 35.534, 322.368

Previews

White Background



This preview shows how the CIE LCh color 79, 107.927, 135.063 looks on a white background.

Color Contrast Check

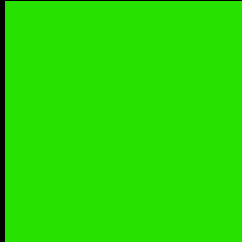
Large Text (above 18pt) WCAG AA × Fail

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 79, 107.927, 135.063 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 79, 107.927, 135.063

Background



This preview shows how black text looks on a background with the CIELCh color 79, 107.927, 135.063.



This preview shows how white text looks on a background with the CIELCh color 79, 107.927, 135.063.

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

79, 107.852, 135.091

Protanopia

78, 79.733, 94.821

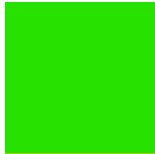
Deuteranopia

78, 71.960, 81.878



Tritanopia
79, 31.985, 214.046

Trichromacy



Original Color
79, 107.852, 135.091



Protanomaly
77, 85.873, 117.594

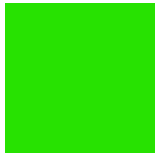


Deuteranomaly
76, 77.339, 112.506



Tritanomaly
78, 58.445, 155.389

Monochromacy



Original Color
79, 107.852, 135.091



Achromatopsia
60, 0.008, 296.813



Achromatomaly
65, 52.071, 136.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 107.927, 135.063 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(39, 226, 1)` looks like.

```
.text, #text, p{  
    color:rgb(39, 226, 1)  
}
```

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(39, 226, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 226, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 107.927, 135.063 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(39, 226, 1) }
```

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

```
.border{ border-color:rgb(39, 226, 1) }
```

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

Here you see how a box with a 4 pixel rgb(39, 226, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 226, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 226, 1);  
box-shadow:4px 4px 4px 4px rgb(39, 226, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 107.927, 135.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 226, 1) }
```

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

```
.background{ background-color: rgb(39, 226,  
1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor