

Converting Colors

CIELCh(67, 94.723, 135.031)

Have a look what the booklet for
CIELCh(67, 94.723, 135.031)
contains.

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Color

CIELCh(67, 94.512, 135.154)

Conversions

Conversions Part 1

Format	Color
Hex	1DBD00
RGB	29, 189, 0
RGB Percent	11%, 74%, 0%
CMY	0.8868, 0.2590, 1.0000
CMYK	0.85, 0.00, 1.00, 0.26
HSL	111°, 100%, 37%
HSV	111°, 100%, 74%
XYZ	18.6889, 36.6320, 6.0822
YIQ	119.6140, -34.6910, -92.6990

Conversions

Conversions Part 2

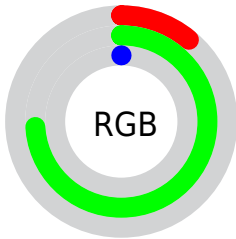
Format	Color
RYB	0, 189, 160
Decimal	1948928
CIELab	67.00, -67.01, 66.65
CIELCh	67, 94.512, 135.154
Yxy	36.6320, 0.3044, 0.5966
Android (android.graphics.Color)	4280139008 (0xFF1DBD00)
YUV	119.6140, -58.9697, -79.4685
Hunter-Lab	60.5244, -50.7998, 36.4089

Details

The CIELCh color **67, 94.512, 135.154** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **40, 93.412, 322.385**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 94.792, 135.201**, and **48, 74.270, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 94.501, 135.159**, and if you desaturate by 10%, it is **67, 91.264, 135.043**.

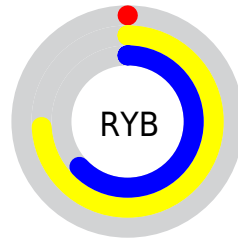
Distribution



Red (11%)

Green (74%)

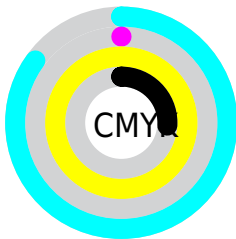
Blue (0%)



Red (0%)

Yellow (74%)

Blue (63%)

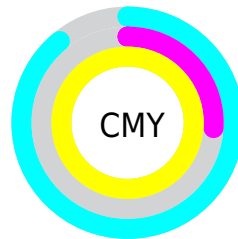


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (89%)


Magenta (26%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 94.512, 135.154 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 67, 94.512, 135.154 by changing the saturation by 10% instead.


 67, 94.512,
135.154


 67, 94.512,
135.154


 100, 94.512,
135.154


 57, 94.512,
135.154


 87, 94.512,
135.154

 47, 94.512,
135.154


 97, 94.512,
135.154

 37, 94.512,
135.154

 27, 94.512,
135.154

 17, 94.512,
135.154

 7, 94.512, 135.154

 0, 94.512, 135.154

■ 67, 94.512,
135.154

■ 67, 94.512,
135.154

■ 67, 94.501,
135.159

■ 67, 91.264,
135.043

■ 68, 85.909,
135.194

■ 68, 78.378,
135.667

■ 69, 69.145,
136.337

■ 70, 58.705,
137.087

■ 71, 47.473,
137.836

■ 72, 35.772,
138.538

■ 73, 23.845,

139.172

■ 75, 11.875,
139.738

Harmonies

Complementary

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



67, 94.512, 135.154



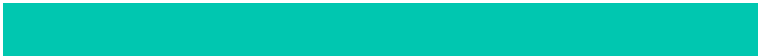
40, 93.412, 322.385

Rectangle

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



67, 94.512, 135.154



67, 94.512, 185.154



67, 94.512, 315.154



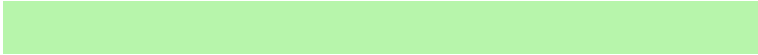
67, 94.512, 5.154

Sweetspot

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



67, 94.501, 135.159



91, 44.141, 138.505



66, 69.315, 90.688



48, 30.061, 138.216



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 94.501, 135.159



85, 114.967, 135.277



67, 82.674, 142.176



39, 6.720, 139.773



57, 82.707, 135.053



9, 20.887, 141.426

Inverse Universe

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



40, 93.412, 322.385



52, 113.496, 322.296



42, 72.177, 347.456



37, 6.750, 320.610



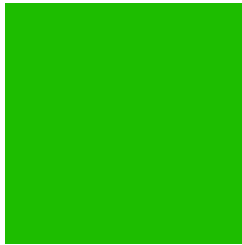
33, 81.848, 322.459



3, 19.952, 318.773

Previews

White Background



This preview shows how the CIELCh color 67, 94.512, 135.154 looks on a white background.

Color Contrast Check

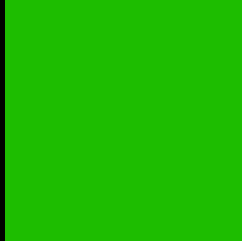
Large Text (above 18pt) WCAG AA × Fail

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 67, 94.512, 135.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

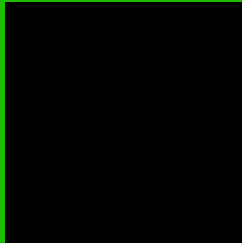
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 94.512, 135.154

Background



This preview shows how black text looks on a background with the CIELCh color 67, 94.512, 135.154.

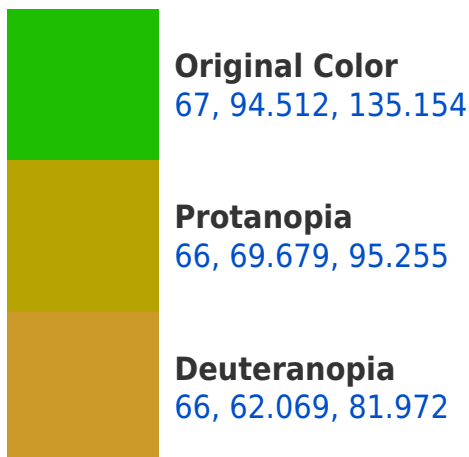


This preview shows how white text looks on a background with the CIELCh color 67, 94.512, 135.154.

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
67, 28.128, 213.480

Trichromacy



Original Color
67, 94.512, 135.154



Protanomaly
65, 75.331, 118.196



Deuteranomaly
64, 67.268, 113.150



Tritanomaly
66, 51.427, 155.709

Monochromacy



Original Color
67, 94.512, 135.154



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 45.129, 137.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 94.512, 135.154 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(29, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 189, 0)  
}
```

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(29, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 189, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 94.512, 135.154 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(29, 189, 0) }
```

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

```
.border{ border-color:rgb(29, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(29, 189, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 94.512, 135.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 189, 0) }
```

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

```
.background{ background-color: rgb(29, 189,  
0) }
```

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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