

Converting Colors

CIELCh(69, 95.268, 136.439)

Have a look what the booklet for
CIELCh(69, 95.268, 136.439)
contains.

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Color

CIELCh(69, 95.185, 136.439)

Conversions

Conversions Part 1

Format	Color
Hex	15C314
RGB	21, 195, 20
RGB Percent	8%, 76%, 8%
CMY	0.9186, 0.2344, 0.9199
CMYK	0.89, 0.00, 0.90, 0.23
HSL	120°, 81%, 42%
HSV	120°, 90%, 77%
XYZ	20.0019, 39.3444, 7.2217
YIQ	123.0240, -47.5290, -91.3130

Conversions

Conversions Part 2

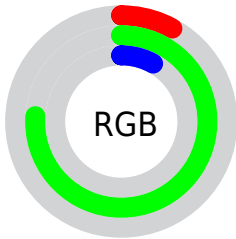
Format	Color
R_{YB}	20, 195, 194
Decimal	1426196
CIE Lab	69.00, -68.97, 65.59
CIE LCh	69, 95.185, 136.439
Yxy	39.3444, 0.3005, 0.5910
Android (android.graphics.Color)	4279616276 (0xFF15C314)
YUV	123.0240, -50.7908, -89.4750
Hunter-Lab	62.7251, -52.8486, 37.0814

Details

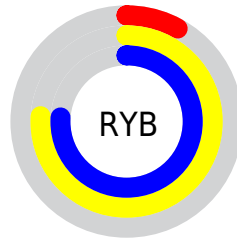
The CIELCh color **69, 95.185, 136.439** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **47, 92.244, 328.084**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 95.197, 136.370**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 97.853, 136.026**, and if you desaturate by 10%, it is **69, 90.190, 137.170**.

Distribution



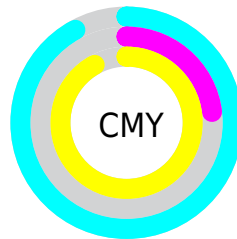
- Red (8%)
- Green (76%)
- Blue (8%)



- Red (8%)
- Yellow (76%)
- Blue (76%)



- Cyan (89%)
- Magenta (0%)
- Yellow (90%)
- Black (23%)





- Cyan (92%)
- Magenta (23%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 95.185, 136.439 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 69, 95.185, 136.439 by changing the saturation by 10% instead.


 69, 95.185,
136.439


 69, 95.185,
136.439


 100, 95.185,
136.439


 59, 95.185,
136.439


 89, 95.185,
136.439

 49, 95.185,
136.439

 99, 95.185,
136.439

 39, 95.185,
136.439

 29, 95.185,
136.439

 19, 95.185,
136.439

 9, 95.185, 136.439

 0, 95.185, 136.439

■ 69, 95.185,
136.439

■ 69, 95.185,
136.439

■ 69, 97.853,
136.026

■ 69, 90.190,
137.170

■ 69, 97.962,
136.009

■ 70, 82.748,
138.166

■ 70, 73.316,
139.283

■ 71, 62.409,
140.397

■ 72, 50.494,
141.433

■ 74, 37.958,
142.358

■ 75, 25.113,
143.162

■ 77, 12.201,

143.858

■ 79, 0.601, 323.997

Harmonies

Complementary

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



69, 95.185, 136.439



47, 92.244, 328.084

Rectangle

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



69, 95.185, 136.439



69, 95.185, 186.439



69, 95.185, 316.439



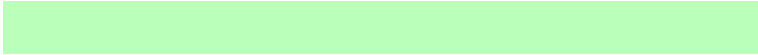
69, 95.185, 6.439

Sweetspot

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



69, 95.185, 136.440



94, 43.124, 142.537



76, 75.988, 102.090



50, 29.029, 142.238



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 95.185, 136.440



88, 119.770, 136.011



70, 69.433, 150.531



40, 7.210, 143.869



57, 84.777, 136.007



10, 24.249, 144.062

Inverse Universe

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



47, 92.244, 328.084



60, 115.575, 328.160



43, 68.179, 356.752



38, 7.222, 324.881



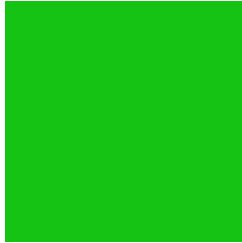
38, 81.812, 328.162



4, 24.191, 326.283

Previews

White Background



This preview shows how the CIELCh color 69, 95.185, 136.439 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 69, 95.185, 136.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

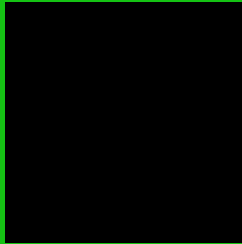
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 95.185, 136.439

Background



This preview shows how black text looks on a background with the CIELCh color 69, 95.185, 136.439.

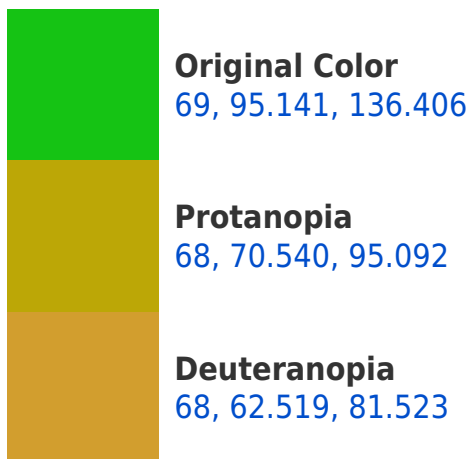


This preview shows how white text looks on a background with the CIELCh color 69, 95.185, 136.439.

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
69, 29.218, 212.729

Trichromacy



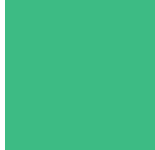
Original Color
69, 95.141, 136.406



Protanomaly
67, 76.034, 119.347



Deuteranomaly
66, 66.888, 115.223



Tritanomaly
68, 50.685, 159.180

Monochromacy



Original Color
69, 95.141, 136.406



Achromatopsia
52, 0.007, 296.813



Achromatomaly
56, 43.263, 141.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 95.185, 136.439 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(21, 195, 20)` looks like.

```
.text, #text, p{  
    color:rgb(21, 195, 20)  
}
```

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(21, 195, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 195, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 95.185, 136.439 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(21, 195, 20) }
```

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

```
.border{ border-color:rgb(21, 195, 20) }
```

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

Here you see how a box with a 4 pixel rgb(21, 195, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 195, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 195, 20);  
box-shadow:4px 4px 4px 4px rgb(21, 195,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 95.185, 136.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 195, 20) }
```

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

```
.background{ background-color: rgb(21, 195,  
20) }
```

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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