

Converting Colors

CIELCh(69, 85.461, 141.033)

Have a look what the booklet for
CIELCh(69, 85.461, 141.033)
contains.

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Color

CIELCh(69, 85.513, 141.084)

Conversions

Conversions Part 1

Format	Color
Hex	10C33D
RGB	16, 195, 61
RGB Percent	6%, 76%, 24%
CMY	0.9374, 0.2364, 0.7619
CMYK	0.92, 0.00, 0.69, 0.24
HSL	135°, 85%, 41%
HSV	135°, 92%, 76%
XYZ	20.4982, 39.3444, 10.8891
YIQ	126.2030, -63.6700, -79.6220

Conversions

Conversions Part 2

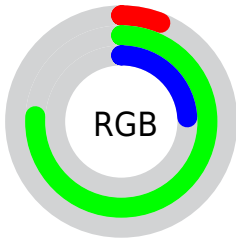
Format	Color
RYB	16, 159, 195
Decimal	1098557
CIELab	69.00, -66.53, 53.72
CIELCh	69, 85.513, 141.084
Yxy	39.3444, 0.2898, 0.5562
Android (android.graphics.Color)	4279288637 (0xFF10C33D)
YUV	126.2030, -32.1451, -96.6480
Hunter-Lab	62.7251, -51.4361, 33.6148

Details

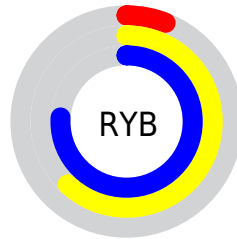
The CIELCh color **69, 85.513, 141.084** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **44, 77.245, 340.265**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 85.487, 141.120**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 89.571, 139.678**, and if you desaturate by 10%, it is **69, 79.455, 142.880**.

Distribution



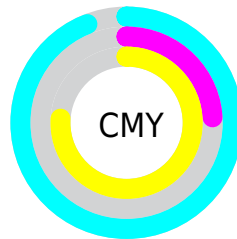
- Red (6%)
- Green (76%)
- Blue (24%)



- Red (6%)
- Yellow (62%)
- Blue (76%)



- Cyan (92%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)





- Cyan (94%)
- Magenta (24%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 85.513, 141.084 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, 85.513, 141.084 by changing the saturation by 10% instead.

 69, 85.513,
141.084


 69, 85.513,
141.084


 100, 85.513,
141.084

 59, 85.513,
141.084


 89, 85.513,
141.084

 49, 85.513,
141.084


 99, 85.513,
141.084

 39, 85.513,
141.084

 29, 85.513,
141.084

 19, 85.513,
141.084

 9, 85.513, 141.084

 0, 85.513, 141.084

■ 69, 85.513,
141.084

■ 69, 85.513,
141.084

■ 69, 89.571,
139.678

■ 69, 79.455,
142.880

■ 70, 72.160,
144.592

■ 70, 63.776,
146.158

■ 71, 54.496,
147.555

■ 72, 44.535,
148.779

■ 74, 34.109,
149.843

■ 75, 23.420,
150.766

■ 77, 12.640,

151.573

■ 78, 1.907, 152.405

Harmonies

Complementary

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



69, 85.513, 141.084



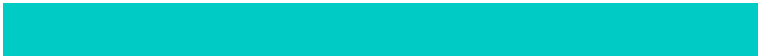
44, 77.245, 340.265

Rectangle

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



69, 85.513, 141.084



69, 85.513, 191.084



69, 85.513, 321.084



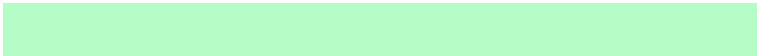
69, 85.513, 11.084

Sweetspot

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



69, 85.513, 141.084



93, 37.127, 150.168



73, 80.105, 116.757



50, 25.801, 149.739



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, 85.513, 141.084



87, 109.651, 139.384



70, 52.219, 167.624



40, 6.043, 151.756



58, 77.173, 139.954



10, 21.461, 149.020

Inverse Universe

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



44, 77.245, 340.265



57, 94.386, 341.710



42, 69.952, 21.335



38, 6.067, 332.927



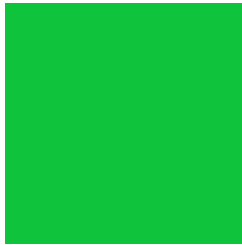
36, 67.674, 341.207



4, 19.094, 337.325

Previews

White Background



This preview shows how the CIELCh color 69, 85.513, 141.084 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, 85.513, 141.084 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, 85.513, 141.084

Background



This preview shows how black text looks on a background with the CIELCh color 69, 85.513, 141.084.



This preview shows how white text looks on a background with the CIELCh color 69, 85.513, 141.084.

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
69, 85.552, 141.113

Protanopia
68, 58.734, 95.258

Deuteranopia
68, 51.296, 80.206



Tritanopia
69, 29.994, 213.389

Trichromacy



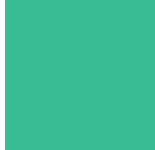
Original Color
69, 85.552, 141.113



Protanomaly
67, 64.958, 123.743



Deuteranomaly
66, 55.450, 119.903



Tritanomaly
68, 45.764, 167.142

Monochromacy



Original Color
69, 85.552, 141.113



Achromatopsia
53, 0.007, 296.813



Achromatomaly
57, 37.385, 148.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 85.513, 141.084 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(16, 195, 61)` looks like.

```
.text, #text, p{  
    color:rgb(16, 195, 61)  
}
```

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(16, 195, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 195, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 85.513, 141.084 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(16, 195, 61) }
```

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

```
.border{ border-color:rgb(16, 195, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 195, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 195, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 195, 61);  
box-shadow:4px 4px 4px 4px rgb(16, 195,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 85.513, 141.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 195, 61) }
```

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

```
.background{ background-color: rgb(16, 195,  
61) }
```

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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