

Converting Colors

CIELCh(68, 86.649, 140.526)

Have a look what the booklet for
CIELCh(68, 86.649, 140.526)
contains.

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Color

CIELCh(68, 86.795, 140.473)

Conversions

Conversions Part 1

Format	Color
Hex	03C036
RGB	3, 192, 54
RGB Percent	1%, 75%, 21%
CMY	0.9888, 0.2472, 0.7883
CMYK	0.99, 0.00, 0.72, 0.25
HSL	136°, 97%, 38%
HSV	136°, 99%, 75%
XYZ	19.5449, 37.9720, 9.7862
YIQ	119.7570, -68.3460, -82.9860

Conversions

Conversions Part 2

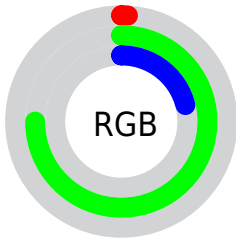
Format	Color
RYB	3, 152, 192
Decimal	245814
CIELab	68.00, -66.95, 55.24
CIELCh	68, 86.795, 140.473
Yxy	37.9720, 0.2904, 0.5642
Android (android.graphics.Color)	4278435894 (0xFF03C036)
YUV	119.7570, -32.4182, -102.3959
Hunter-Lab	61.6215, -51.2216, 33.7191

Details

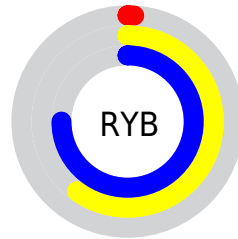
The CIELCh color **68, 86.795, 140.473** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **43, 75.898, 342.560**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 86.996, 140.344**, and **49, 75.472, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **68, 87.498, 140.228**, and if you desaturate by 10%, it is **68, 81.587, 142.303**.

Distribution



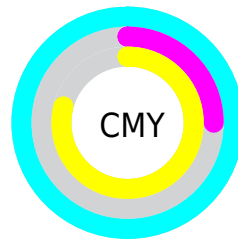
- Red (1%)
- Green (75%)
- Blue (21%)



- Red (1%)
- Yellow (60%)
- Blue (75%)



- Cyan (99%)
- Magenta (0%)
- Yellow (72%)
- Black (25%)



- Cyan (99%)
- Magenta (25%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 86.795, 140.473 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 68, 86.795, 140.473 by changing the saturation by 10% instead.

 68, 86.795,
140.473

 68, 86.795,
140.473

 100, 86.795,
140.473

 58, 86.795,
140.473


 88, 86.795,
140.473

 48, 86.795,
140.473

 98, 86.795,
140.473

 38, 86.795,
140.473

 28, 86.795,
140.473

 18, 86.795,
140.473

 8, 86.795, 140.473

 0, 86.795, 140.473

■ 68, 86.795,
140.473

■ 68, 86.795,
140.473

■ 68, 87.498,
140.228

■ 68, 81.587,
142.303

■ 69, 75.205,
144.122

■ 69, 67.697,
145.815

■ 70, 59.210,
147.342

■ 71, 49.930,
148.692

■ 72, 40.063,
149.871

■ 73, 29.811,
150.894

■ 75, 19.359,

151.785

■ 76, 8.863, 152.572

Harmonies

Complementary

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



68, 86.795, 140.473



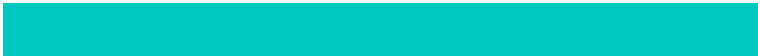
43, 75.898, 342.560

Rectangle

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



68, 86.795, 140.473



68, 86.795, 190.473



68, 86.795, 320.473



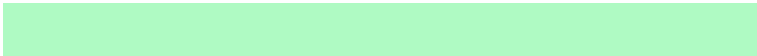
68, 86.795, 10.473

Sweetspot

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



68, 86.795, 140.474



92, 38.841, 150.703



72, 81.379, 118.139



48, 26.442, 150.274



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 86.795, 140.474



86, 107.472, 139.911



69, 52.120, 167.827



40, 5.955, 152.506



58, 76.204, 140.496



10, 21.246, 149.466

Inverse Universe

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



43, 75.898, 342.560



56, 92.384, 343.105



40, 72.851, 26.258



38, 5.981, 333.696



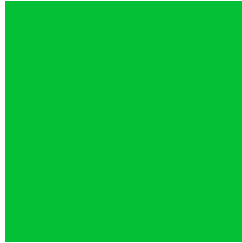
36, 66.759, 342.552



4, 18.747, 338.480

Previews

White Background



This preview shows how the CIELCh color 68, 86.795, 140.473 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 68, 86.795, 140.473 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 68, 86.795, 140.473

Background



This preview shows how black text looks on a background with the CIELCh color 68, 86.795, 140.473.



This preview shows how white text looks on a background with the CIELCh color 68, 86.795, 140.473.

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](#).

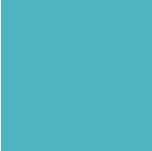
Dichromacy



Original Color
68, 86.795, 140.473

Protanopia
68, 60.112, 95.658

Deuteranopia
67, 52.720, 80.512



Tritanopia
68, 29.554, 213.696

Trichromacy



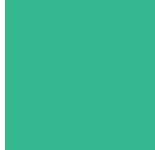
Original Color
68, 86.795, 140.473



Protanomaly
66, 67.103, 124.727



Deuteranomaly
65, 57.667, 120.854



Tritanomaly
67, 46.447, 166.648

Monochromacy



Original Color
68, 86.795, 140.473



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 38.875, 149.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 86.795, 140.473 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(3, 192, 54)` looks like.

```
.text, #text, p{  
    color:rgb(3, 192, 54)  
}
```

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(3, 192, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 192, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 86.795, 140.473 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(3, 192, 54) }
```

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

```
.border{ border-color:rgb(3, 192, 54) }
```

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

Here you see how a box with a 4 pixel rgb(3, 192, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 192, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 192, 54);  
box-shadow:4px 4px 4px 4px rgb(3, 192, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 68, 86.795, 140.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 192, 54) }
```

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

```
.background{ background-color: rgb(3, 192,  
54) }
```

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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