

Converting Colors

CIELCh(69, 87.964, 140.229)

Have a look what the booklet for
CIELCh(69, 87.964, 140.229)
contains.

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Color

CIELCh(69, 87.964, 140.229)

Conversions

Conversions Part 1

Format	Color
Hex	08C336
RGB	8, 195, 54
RGB Percent	3%, 76%, 21%
CMY	0.9688, 0.2353, 0.7882
CMYK	0.96, 0.00, 0.72, 0.24
HSL	135°, 92%, 40%
HSV	135°, 96%, 76%
XYZ	20.2786, 39.3444, 10.0146
YIQ	123.0130, -66.1910, -83.4950

Conversions

Conversions Part 2

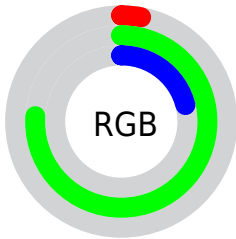
Format	Color
RYB	8, 158, 195
Decimal	574262
CIELab	69.00, -67.61, 56.27
CIELCh	69, 87.964, 140.229
Yxy	39.3444, 0.2912, 0.5650
Android (android.graphics.Color)	4278764342 (0xFF08C336)
YUV	123.0130, -34.0234, -100.8664
Hunter-Lab	62.7251, -52.0612, 34.4414

Details

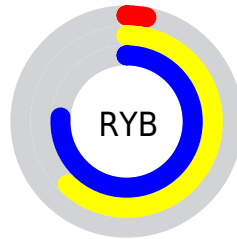
The CIELCh color **69, 87.964, 140.229** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **44, 77.899, 340.587**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 87.970, 140.314**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 89.896, 139.570**, and if you desaturate by 10%, it is **69, 82.446, 142.016**.

Distribution



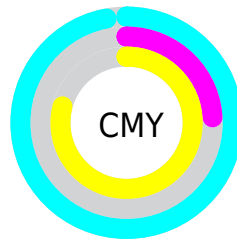
- Red (3%)
- Green (76%)
- Blue (21%)



- Red (3%)
- Yellow (62%)
- Blue (76%)



- Cyan (96%)
- Magenta (0%)
- Yellow (72%)
- Black (24%)




- Cyan (97%)
- Magenta (24%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 87.964, 140.229 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, 87.964, 140.229 by changing the saturation by 10% instead.

 69, 87.964,
140.229


 69, 87.964,
140.229


 100, 87.964,
140.229

 59, 87.964,
140.229

 89, 87.964,
140.229

 49, 87.964,
140.229

 99, 87.964,
140.229

 39, 87.964,
140.229

 29, 87.964,
140.229

 19, 87.964,
140.229

 9, 87.964, 140.229

 0, 87.964, 140.229

■ 69, 87.964,
140.229

■ 69, 87.964,
140.229

■ 69, 89.896,
139.570

■ 69, 82.446,
142.016

■ 70, 75.631,
143.764

■ 70, 67.647,
145.390

■ 71, 58.676,
146.855

■ 72, 48.927,
148.147

■ 73, 38.622,
149.273

■ 74, 27.972,
150.250

■ 76, 17.164,

151.099

■ 78, 6.350, 151.860

Harmonies

Complementary

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



69, 87.964, 140.229



44, 77.899, 340.587

Rectangle

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



69, 87.964, 140.229



69, 87.964, 190.229



69, 87.964, 320.229



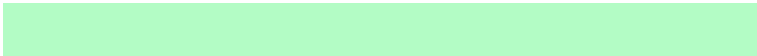
69, 87.964, 10.229

Sweetspot

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



69, 87.964, 140.230



93, 38.563, 149.921



73, 80.969, 116.232



49, 26.631, 149.492



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, 87.964, 140.230



87, 109.918, 139.281



70, 54.384, 165.349



40, 6.061, 151.602



58, 77.370, 139.845



10, 21.506, 148.927

Inverse Universe

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



44, 77.899, 340.587



57, 94.665, 341.422



41, 71.254, 22.145



38, 6.085, 332.768



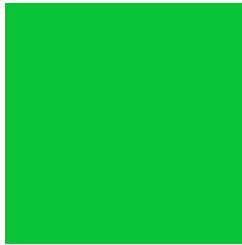
36, 67.871, 340.932



4, 19.169, 337.085

Previews

White Background



This preview shows how the CIE LCh color 69, 87.964, 140.229 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, 87.964, 140.229 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, 87.964, 140.229

Background



This preview shows how black text looks on a background with the CIELCh color 69, 87.964, 140.229.

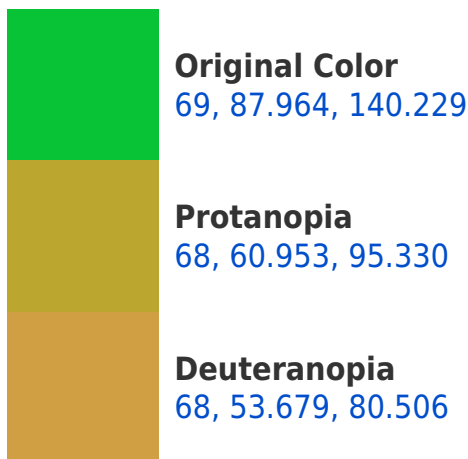


This preview shows how white text looks on a background with the CIELCh color 69, 87.964, 140.229.

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](#).

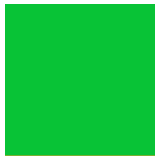
Dichromacy





Tritanopia
69, 29.994, 213.389

Trichromacy



Original Color
69, 87.964, 140.229



Protanomaly
66, 67.513, 123.869



Deuteranomaly
66, 58.319, 120.204



Tritanomaly
68, 46.877, 166.286

Monochromacy



Original Color
69, 87.964, 140.229



Achromatopsia
52, 0.007, 296.813



Achromatomaly
56, 38.988, 148.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 87.964, 140.229 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(8, 195, 54)` looks like.

```
.text, #text, p{  
    color:rgb(8, 195, 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(8, 195, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 195, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 87.964, 140.229 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(8, 195, 54) }
```

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

```
.border{ border-color:rgb(8, 195, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 195, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 195, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 195, 54);  
box-shadow:4px 4px 4px 4px rgb(8, 195, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 87.964, 140.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 195, 54) }
```

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

```
.background{ background-color: rgb(8, 195,  
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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