

Converting Colors

CIELCh(69, 81.263, 138.032)

Have a look what the booklet for
CIELCh(69, 81.263, 138.032)
contains.

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Color

CIELCh(69, 81.251, 138.054)

Conversions

Conversions Part 1

Format	Color
Hex	3EC13C
RGB	62, 193, 60
RGB Percent	24%, 76%, 24%
CMY	0.7584, 0.2443, 0.7658
CMYK	0.68, 0.00, 0.69, 0.24
HSL	119°, 53%, 49%
HSV	119°, 69%, 76%
XYZ	21.7754, 39.3444, 10.6818
YIQ	138.6690, -35.3830, -69.1350

Conversions

Conversions Part 2

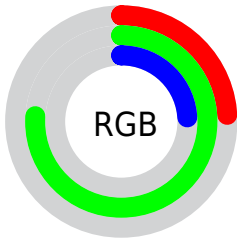
Format	Color
RYB	60, 193, 191
Decimal	4112700
CIELab	69.00, -60.43, 54.31
CIELCh	69, 81.251, 138.054
Yxy	39.3444, 0.3033, 0.5480
Android (android.graphics.Color)	4282302780 (0xFF3EC13C)
YUV	138.6690, -38.7838, -67.2387
Hunter-Lab	62.7251, -47.8016, 33.8108

Details

The CIELCh color **69, 81.251, 138.054** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **50, 80.031, 327.271**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 81.439, 138.088**, and **50, 75.871, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 88.784, 137.094**, and if you desaturate by 10%, it is **70, 71.803, 139.133**.

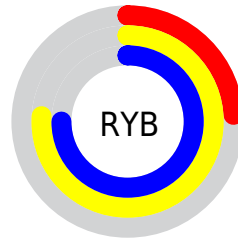
Distribution



Red (24%)

Green (76%)

Blue (24%)



Red (24%)

Yellow (76%)

Blue (75%)

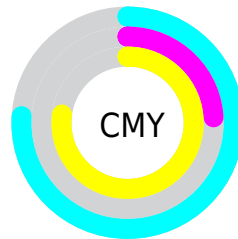


Cyan (68%)

Magenta (0%)

Yellow (69%)

Black (24%)



Cyan (76%)


Magenta (24%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 81.251, 138.054 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, 81.251, 138.054 by changing the saturation by 10% instead.

 69, 81.251,
138.054


 69, 81.251,
138.054


 100, 81.251,
138.054


 59, 81.251,
138.054


 89, 81.251,
138.054

 49, 81.251,
138.054

 99, 81.251,
138.054

 39, 81.251,
138.054

 29, 81.251,
138.054

 19, 81.251,
138.054

 9, 81.251, 138.054

 0, 81.251, 138.054

■ 69, 81.251,
138.054

■ 69, 81.251,
138.054

■ 69, 88.784,
137.094

■ 70, 71.803,
139.133

■ 68, 93.936,
136.395

■ 71, 60.947,
140.210

■ 68, 96.716,
135.998

■ 72, 49.139,
141.214

■ 68, 96.947,
135.960

■ 73, 36.751,
142.110

■ 75, 24.082,
142.892

■ 76, 11.360,
143.570

■ 78, 1.245, 323.915

■ 80, 13.616,
324.575

■ 82, 25.674,
324.989

Harmonies

Complementary

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



69, 81.251, 138.054



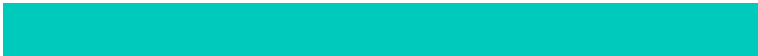
50, 80.031, 327.271

Rectangle

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



69, 81.251, 138.054



69, 81.251, 188.054



69, 81.251, 318.054



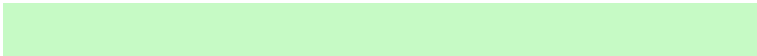
69, 81.251, 8.054

Sweetspot

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



69, 81.251, 138.055



94, 32.865, 142.720



75, 64.600, 103.184



49, 22.245, 142.507



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 81.251, 138.055



87, 111.648, 136.683



70, 57.032, 154.595



40, 7.181, 143.547



57, 84.705, 135.946



10, 24.170, 143.830

Inverse Universe

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



50, 80.031, 327.271



60, 108.697, 327.577



47, 59.321, 351.252



38, 7.194, 324.542



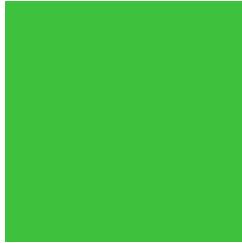
38, 81.854, 327.674



4, 24.038, 325.752

Previews

White Background



This preview shows how the CIE LCh color 69, 81.251, 138.054 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, 81.251, 138.054 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, 81.251, 138.054

Background



This preview shows how black text looks on a background with the CIELCh color 69, 81.251, 138.054.



This preview shows how white text looks on a background with the CIELCh color 69, 81.251, 138.054.

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, 81.251, 138.054

Protanopia
68, 58.734, 95.258

Deuteranopia
68, 52.171, 80.510



Tritanopia
69, 26.171, 216.102

Trichromacy



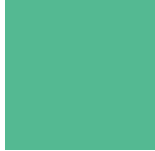
Original Color
69, 81.251, 138.054



Protanomaly
67, 62.751, 117.966



Deuteranomaly
67, 54.316, 112.489



Tritanomaly
69, 40.380, 164.223

Monochromacy



Original Color
69, 81.251, 138.054



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 32.876, 142.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 81.251, 138.054 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(62, 193, 60)` looks like.

```
.text, #text, p{  
    color:rgb(62, 193, 60)  
}
```

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(62, 193, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 193, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 81.251, 138.054 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(62, 193, 60) }
```

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

```
.border{ border-color:rgb(62, 193, 60) }
```

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

Here you see how a box with a 4 pixel rgb(62, 193, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 193, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 193, 60);  
box-shadow:4px 4px 4px 4px rgb(62, 193,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 81.251, 138.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 193, 60) }
```

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

```
.background{ background-color: rgb(62, 193,  
60) }
```

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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