

Converting Colors

CIELCh(70, 91.647, 136.954)

Have a look what the booklet for
CIELCh(70, 91.647, 136.954)
contains.

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Color

CIELCh(70, 91.844, 136.951)

Conversions

Conversions Part 1

Format	Color
Hex	27C625
RGB	39, 198, 37
RGB Percent	15%, 78%, 15%
CMY	0.8465, 0.2253, 0.8531
CMYK	0.80, 0.00, 0.81, 0.23
HSL	119°, 68%, 46%
HSV	119°, 81%, 77%
XYZ	21.2724, 40.7494, 8.5310
YIQ	132.1050, -43.0830, -83.7790

Conversions

Conversions Part 2

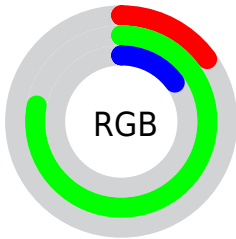
Format	Color
RYB	37, 198, 196
Decimal	2606629
CIELab	70.00, -67.12, 62.69
CIELCh	70, 91.844, 136.951
Yxy	40.7494, 0.3015, 0.5776
Android (android.graphics.Color)	4280796709 (0xFF27C625)
YUV	132.1050, -46.8868, -81.6531
Hunter-Lab	63.8353, -52.2285, 36.7611

Details

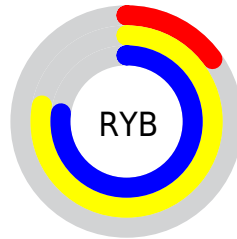
The CIELCh color **70, 91.844, 136.951** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **48, 89.581, 327.661**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 91.803, 136.893**, and **51, 77.464, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 96.513, 136.309**, and if you desaturate by 10%, it is **70, 84.660, 137.883**.

Distribution



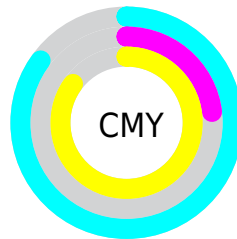
- Red (15%)
- Green (78%)
- Blue (15%)



- Red (15%)
- Yellow (78%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (81%)
- Black (23%)





- Cyan (85%)
- Magenta (23%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 91.844, 136.951 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 70, 91.844, 136.951 by changing the saturation by 10% instead.


 70, 91.844,
136.951


 70, 91.844,
136.951


 100, 91.844,
136.951


 60, 91.844,
136.951


 90, 91.844,
136.951

 50, 91.844,
136.951

 40, 91.844,
136.951

 30, 91.844,
136.951

 20, 91.844,
136.951

 10, 91.844,
136.951

 0, 91.844, 136.951

■ 70, 91.844,
136.951

■ 70, 91.844,
136.951

■ 70, 96.513,
136.309

■ 70, 84.660,
137.883

■ 70, 98.779,
135.976

■ 71, 75.400,
138.962

■ 72, 64.587,
140.059

■ 73, 52.702,
141.092

■ 74, 40.146,
142.020

■ 76, 27.242,
142.831

■ 78, 14.241,
143.533

■ 80, 1.328, 144.296

■ 82, 11.366,
324.582

Harmonies

Complementary

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



70, 91.844, 136.951



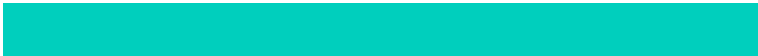
48, 89.581, 327.661

Rectangle

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



70, 91.844, 136.951



70, 91.844, 186.951



70, 91.844, 316.951



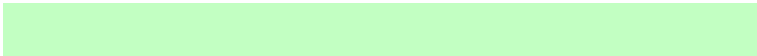
70, 91.844, 6.951

Sweetspot

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



70, 91.844, 136.952



95, 38.235, 142.575



77, 73.255, 102.451



50, 26.257, 142.281



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 91.844, 136.952



88, 119.121, 136.067



71, 65.585, 152.299



41, 7.346, 143.641



58, 85.715, 135.965



11, 26.518, 143.393

Inverse Universe

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



48, 89.581, 327.661



60, 115.113, 327.803



45, 66.403, 354.178



39, 7.358, 324.645



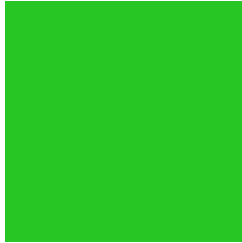
38, 82.795, 327.819



4, 26.623, 326.607

Previews

White Background



This preview shows how the CIE LCh color 70, 91.844, 136.951 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 70, 91.844, 136.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

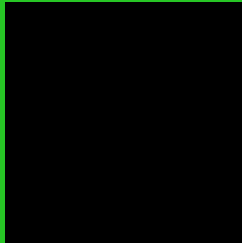
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 91.844, 136.951

Background



This preview shows how black text looks on a background with the CIELCh color 70, 91.844, 136.951.



This preview shows how white text looks on a background with the CIELCh color 70, 91.844, 136.951.

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
70, 92.147, 136.911

Protanopia
69, 67.298, 95.179

Deuteranopia
69, 60.119, 81.543

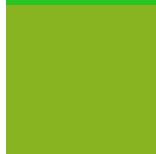


Tritanopia
70, 28.714, 214.191

Trichromacy



Original Color
70, 92.147, 136.911



Protanomaly
68, 72.131, 118.531



Deuteranomaly
67, 63.197, 113.844



Tritanomaly
69, 47.158, 161.236

Monochromacy



Original Color
70, 92.147, 136.911



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 39.675, 141.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 91.844, 136.951 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(39, 198, 37)` looks like.

```
.text, #text, p{  
    color:rgb(39, 198, 37)  
}
```

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(39, 198, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 198, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 91.844, 136.951 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(39, 198, 37) }
```

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

```
.border{ border-color:rgb(39, 198, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 198, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 198, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 198, 37);  
box-shadow:4px 4px 4px 4px rgb(39, 198,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 91.844, 136.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 198, 37) }
```

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

```
.background{ background-color: rgb(39, 198,  
37) }
```

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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