

Converting Colors

CIELCh(71, 84.244, 137.880)

Have a look what the booklet for
CIELCh(71, 84.244, 137.880)
contains.

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Color

CIELCh(71, 84.395, 137.802)

Conversions

Conversions Part 1

Format	Color
Hex	3EC73B
RGB	62, 199, 59
RGB Percent	24%, 78%, 23%
CMY	0.7569, 0.2196, 0.7686
CMYK	0.69, 0.00, 0.70, 0.22
HSL	119°, 56%, 51%
HSV	119°, 70%, 78%
XYZ	23.1999, 42.1875, 11.0583
YIQ	142.0770, -36.7120, -72.5840

Conversions

Conversions Part 2

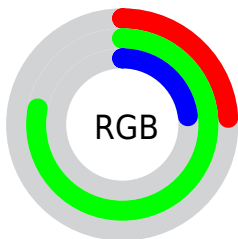
Format	Color
RYB	59, 199, 196
Decimal	4114235
CIELab	71.00, -62.52, 56.69
CIElCh	71, 84.395, 137.802
Yxy	42.1875, 0.3035, 0.5519
Android (android.graphics.Color)	4282304315 (0xFF3EC73B)
YUV	142.0770, -40.9570, -70.2275
Hunter-Lab	64.9519, -49.9082, 35.3720

Details

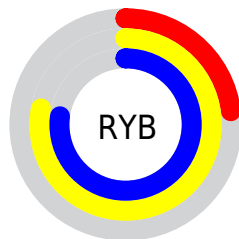
The CIELCh color **71, 84.395, 137.802** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **51, 83.106, 327.081**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 83.326, 137.924**, and **52, 78.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 91.812, 136.897**, and if you desaturate by 10%, it is **72, 74.942, 138.851**.

Distribution



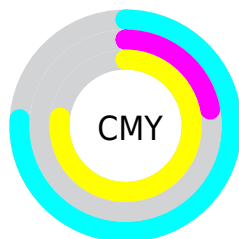
- Red (24%)
- Green (78%)
- Blue (23%)



- Red (23%)
- Yellow (78%)
- Blue (77%)



- Cyan (69%)
- Magenta (0%)
- Yellow (70%)
- Black (22%)





- Cyan (76%)
- Magenta (22%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 84.395, 137.802 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 71, 84.395, 137.802 by changing the saturation by 10% instead.


 71, 84.395,
137.802

 71, 84.395,
137.802


 100, 84.395,
137.802


 61, 84.395,
137.802


 91, 84.395,
137.802

 51, 84.395,
137.802

 41, 84.395,
137.802

 31, 84.395,
137.802

 21, 84.395,
137.802

 11, 84.395,
137.802

 1, 84.395, 137.802

0, 84.395, 137.802

71, 84.395,
137.802

71, 84.395,
137.802

71, 91.812,
136.897

72, 74.942,
138.851

70, 96.733,
136.275

73, 63.980,
139.918

70, 99.269,
135.935

74, 51.987,
140.922

75, 39.357,
141.824

77, 26.405,
142.614

78, 13.372,
143.298

■ 80, 0.439, 144.429

■ 82, 12.269,
324.320

■ 85, 24.667,
324.743

Harmonies

Complementary

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



71, 84.395, 137.802



51, 83.106, 327.081

Rectangle

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



71, 84.395, 137.802



71, 84.395, 187.802



71, 84.395, 317.802



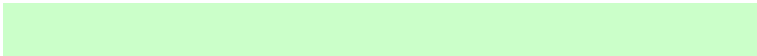
71, 84.395, 7.802

Sweetspot

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



71, 84.395, 137.803



95, 33.331, 142.543



77, 66.368, 102.213



50, 22.564, 142.330



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 84.395, 137.803



88, 113.953, 136.550



72, 60.323, 153.516



41, 7.320, 143.360



58, 85.654, 135.913



11, 26.438, 143.189

Inverse Universe

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



51, 83.106, 327.081



61, 110.950, 327.340



48, 62.115, 350.428



39, 7.333, 324.350



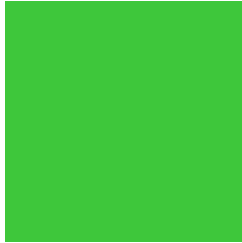
38, 82.837, 327.397



4, 26.501, 326.175

Previews

White Background



This preview shows how the CIELCh color 71, 84.395, 137.802 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 71, 84.395, 137.802 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 71, 84.395, 137.802

Background



This preview shows how black text looks on a background with the CIELCh color 71, 84.395, 137.802.

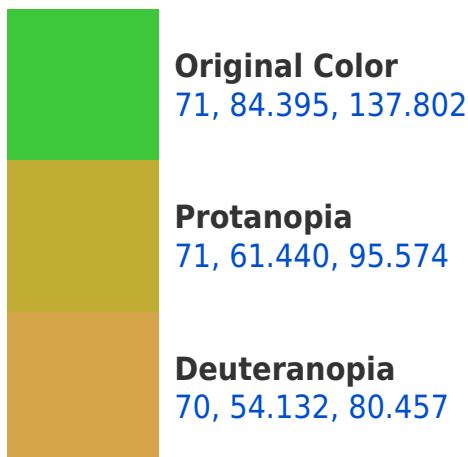


This preview shows how white text looks on a background with the CIELCh color 71, 84.395, 137.802.

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
71, 27.094, 215.309

Trichromacy



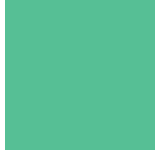
Original Color
71, 84.395, 137.802



Protanomaly
69, 65.225, 118.044



Deuteranomaly
69, 56.865, 112.430



Tritanomaly
70, 42.192, 163.298

Monochromacy



Original Color
71, 84.395, 137.802



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 34.502, 141.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 84.395, 137.802 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, 199, 59)` looks like.

```
.text, #text, p{  
    color:rgb(62, 199, 59)  
}
```

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, 199, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 199, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 84.395, 137.802 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, 199, 59) }
```

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

```
.border{ border-color:rgb(62, 199, 59) }
```

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

Here you see how a box with a 4 pixel rgb(62, 199, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 199, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 199, 59);  
box-shadow:4px 4px 4px 4px rgb(62, 199,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 84.395, 137.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 199, 59) }
```

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

```
.background{ background-color: rgb(62, 199,  
59) }
```

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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