

Converting Colors

CIELCh(73, 86.111, 134.836)

Have a look what the booklet for
CIELCh(73, 86.111, 134.836)
contains.

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Color

CIELCh(73, 86.088, 134.815)

Conversions

Conversions Part 1

Format	Color
Hex	51CC35
RGB	81, 204, 53
RGB Percent	32%, 80%, 21%
CMY	0.6826, 0.2002, 0.7923
CMYK	0.60, 0.00, 0.74, 0.20
HSL	109°, 60%, 50%
HSV	109°, 74%, 80%
XYZ	25.6101, 45.1644, 10.7296
YIQ	150.0090, -24.8370, -73.0370

Conversions

Conversions Part 2

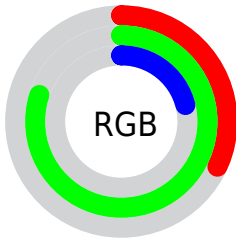
Format	Color
RYB	53, 204, 176
Decimal	5360693
CIELab	73.00, -60.68, 61.07
CIELCh	73, 86.088, 134.815
Yxy	45.1644, 0.3142, 0.5541
Android (android.graphics.Color)	4283550773 (0xFF51CC35)
YUV	150.0090, -47.8254, -60.5209
Hunter-Lab	67.2044, -49.5856, 37.5771

Details

The CIELCh color **73, 86.088, 134.815** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **47, 87.142, 321.836**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 82.585, 134.564**, and **53, 80.232, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **72, 93.183, 134.573**, and if you desaturate by 10%, it is **74, 76.986, 135.331**.

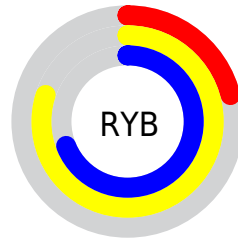
Distribution



Red (32%)

Green (80%)

Blue (21%)



Red (21%)

Yellow (80%)

Blue (69%)

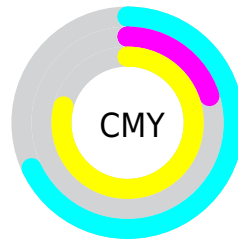


Cyan (60%)

Magenta (0%)

Yellow (74%)

Black (20%)



Cyan (68%)


Magenta (20%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 86.088, 134.815 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 73, 86.088, 134.815 by changing the saturation by 10% instead.


 73, 86.088,
134.815


 73, 86.088,
134.815


 100, 86.088,
134.815


 63, 86.088,
134.815


 93, 86.088,
134.815

 53, 86.088,
134.815

 43, 86.088,
134.815

 33, 86.088,
134.815

 23, 86.088,
134.815

 13, 86.088,
134.815

 3, 86.088, 134.815

■ 0, 86.088, 134.815

■ 73, 86.088,
134.815

■ 73, 86.088,
134.815

■ 72, 93.183,
134.573

■ 74, 76.986,
135.331

■ 72, 97.843,
134.709

■ 75, 66.415,
135.990

■ 72, 99.677,
134.879

■ 76, 54.858,
136.693

■ 77, 42.692,
137.378

■ 78, 30.200,
138.012

■ 80, 17.594,
138.583

■ 81, 5.027, 139.110

■ 83, 7.392, 319.468

■ 85, 19.587,
319.856

Harmonies

Complementary

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



73, 86.088, 134.815



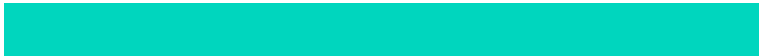
47, 87.142, 321.836

Rectangle

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



73, 86.088, 134.815



73, 86.088, 184.815



73, 86.088, 314.815



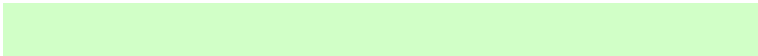
73, 86.088, 4.815

Sweetspot

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



73, 86.088, 134.816



96, 33.131, 138.116



72, 62.354, 91.421



51, 22.265, 137.951



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 86.088, 134.816



88, 114.001, 134.608



73, 73.824, 145.883



42, 7.095, 138.828



59, 85.289, 134.747



12, 27.159, 139.163

Inverse Universe

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



47, 87.142, 321.836



54, 114.281, 321.584



49, 71.623, 340.798



40, 7.132, 319.648



34, 85.110, 321.276



4, 27.123, 320.039

Previews

White Background



This preview shows how the CIELCh color 73, 86.088, 134.815 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 73, 86.088, 134.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

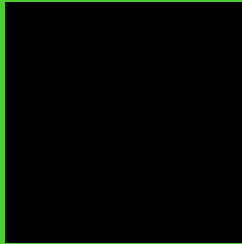
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 86.088, 134.815

Background



This preview shows how black text looks on a background with the CIELCh color 73, 86.088, 134.815.



This preview shows how white text looks on a background with the CIELCh color 73, 86.088, 134.815.

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
73, 86.088, 134.815

Protanopia
72, 65.558, 95.064

Deuteranopia
72, 58.772, 80.751



Tritanopia
73, 24.968, 218.316

Trichromacy



Original Color
73, 86.088, 134.815



Protanomaly
72, 68.420, 114.639



Deuteranomaly
71, 60.574, 108.795



Tritanomaly
72, 40.925, 159.776

Monochromacy



Original Color
73, 86.088, 134.815



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 35.054, 137.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 86.088, 134.815 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(81, 204, 53)` looks like.

```
.text, #text, p{  
    color:rgb(81, 204, 53)  
}
```

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(81, 204, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 204, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 86.088, 134.815 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(81, 204, 53) }
```

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

```
.border{ border-color:rgb(81, 204, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 204, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 204, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 204, 53);  
box-shadow:4px 4px 4px 4px rgb(81, 204,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 86.088, 134.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 204, 53) }
```

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

```
.background{ background-color: rgb(81, 204,  
53) }
```

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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