

Converting Colors

CIELCh(73, 82.009, 131.863)

Have a look what the booklet for
CIELCh(73, 82.009, 131.863)
contains.

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Color

CIELCh(73, 81.884, 131.846)

Conversions

Conversions Part 1

Format	Color
Hex	65CA36
RGB	101, 202, 54
RGB Percent	40%, 79%, 21%
CMY	0.6048, 0.2086, 0.7890
CMYK	0.50, 0.00, 0.73, 0.21
HSL	101°, 58%, 50%
HSV	101°, 73%, 79%
XYZ	27.0763, 45.1644, 10.7544
YIQ	154.9290, -12.6880, -67.4400

Conversions

Conversions Part 2

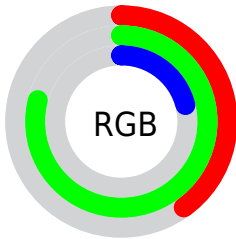
Format	Color
RYB	54, 202, 155
Decimal	6670902
CIELab	73.00, -54.63, 61.00
CIELCh	73, 81.884, 131.846
Yxy	45.1644, 0.3262, 0.5442
Android (android.graphics.Color)	4284860982 (0xFF65CA36)
YUV	154.9290, -49.7580, -47.2957
Hunter-Lab	67.2044, -45.6910, 37.5553

Details

The CIELCh color **73, 81.884, 131.846** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **44, 86.011, 317.729**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 79.426, 131.530**, and **53, 77.401, 134.057** is the 20% darker color. If you saturate the color by 10%, you get **72, 89.113, 131.920**, and if you desaturate by 10%, it is **74, 72.869, 132.090**.

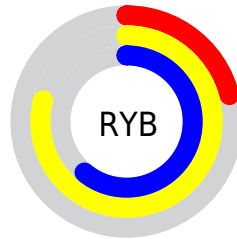
Distribution



Red (40%)

Green (79%)

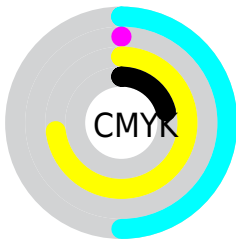
Blue (21%)



Red (21%)

Yellow (79%)

Blue (61%)

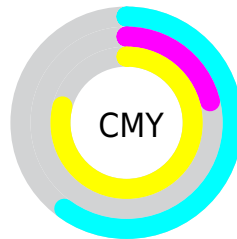


Cyan (50%)

Magenta (0%)

Yellow (73%)

Black (21%)



Cyan (60%)


Magenta (21%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 81.884, 131.846 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, 81.884, 131.846 by changing the saturation by 10% instead.


 73, 81.884,
131.846

 73, 81.884,
131.846


 100, 81.884,
131.846


 63, 81.884,
131.846


 93, 81.884,
131.846

 53, 81.884,
131.846

 43, 81.884,
131.846

 33, 81.884,
131.846

 23, 81.884,
131.846

 13, 81.884,
131.846

 3, 81.884, 131.846

■ 0, 81.884, 131.846

■ 73, 81.884,
131.846

■ 73, 81.884,
131.846

■ 72, 89.113,
131.920

■ 74, 72.869,
132.090

■ 72, 94.129,
132.419

■ 75, 62.580,
132.523

■ 72, 96.440,
132.899

■ 76, 51.456,
133.044

■ 77, 39.826,
133.588

■ 78, 27.930,
134.116

■ 79, 15.937,
134.609

■ 81, 3.970, 135.085

■ 82, 7.883, 315.412

■ 84, 19.563,
315.771

Harmonies

Complementary

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



73, 81.884, 131.846



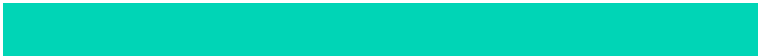
44, 86.011, 317.729

Rectangle

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



73, 81.884, 131.846



73, 81.884, 181.846



73, 81.884, 311.846



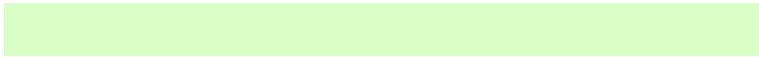
73, 81.884, 1.846

Sweetspot

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



73, 81.884, 131.847



96, 31.826, 134.169



66, 57.095, 80.977



51, 21.384, 134.028



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, 81.884, 131.847



89, 110.138, 132.157



72, 80.064, 141.751



42, 6.824, 134.794



60, 83.133, 132.712



12, 26.105, 136.140

Inverse Universe

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



44, 86.011, 317.729



50, 115.552, 317.385



50, 77.108, 334.150



40, 6.882, 315.552



30, 86.983, 316.897



3, 25.767, 314.134

Previews

White Background



This preview shows how the CIELCh color 73, 81.884, 131.846 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, 81.884, 131.846 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, 81.884, 131.846

Background



This preview shows how black text looks on a background with the CIELCh color 73, 81.884, 131.846.



This preview shows how white text looks on a background with the CIELCh color 73, 81.884, 131.846.

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, 81.884, 131.846

Protanopia

72, 64.893, 95.046

Deuteranopia

72, 58.772, 80.751



Tritanopia
73, 20.958, 221.116

Trichromacy



Original Color
73, 81.884, 131.846



Protanomaly
72, 67.528, 112.267



Deuteranomaly
71, 59.985, 105.517



Tritanomaly
72, 36.505, 155.957

Monochromacy



Original Color
73, 81.884, 131.846



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 32.976, 133.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 81.884, 131.846 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(101, 202, 54)` looks like.

```
.text, #text, p{  
    color:rgb(101, 202, 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(101, 202, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 202, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 81.884, 131.846 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(101, 202, 54) }
```

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

```
.border{ border-color:rgb(101, 202, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 202, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 202, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 202, 54);  
box-shadow:4px 4px 4px 4px rgb(101, 202,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 81.884, 131.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 202, 54) }
```

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

```
.background{ background-color: rgb(101,  
202, 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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