

Converting Colors

CIELCh(71, 71.816, 134.656)

Have a look what the booklet for
CIELCh(71, 71.816, 134.656)
contains.

CIELCh(71, 71.741, 134.782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 71.741, 134.782)

Conversions

Conversions Part 1

Format	Color
Hex	64C34A
RGB	100, 195, 74
RGB Percent	39%, 76%, 29%
CMY	0.6082, 0.2356, 0.7101
CMYK	0.49, 0.00, 0.62, 0.24
HSL	107°, 50%, 53%
HSV	107°, 62%, 76%
XYZ	25.9735, 42.1875, 13.2377
YIQ	152.8010, -17.7790, -57.7710

Conversions

Conversions Part 2

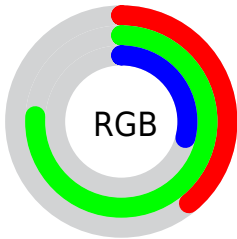
Format	Color
RYB	74, 195, 169
Decimal	6603594
CIELab	71.00, -50.54, 50.92
CIElCh	71, 71.741, 134.782
Yxy	42.1875, 0.3191, 0.5183
Android (android.graphics.Color)	4284793674 (0xFF64C34A)
YUV	152.8010, -38.8489, -46.3065
Hunter-Lab	64.9519, -42.2857, 33.3826

Details

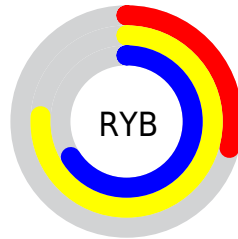
The CIELCh color **71, 71.741, 134.782** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **49, 73.364, 320.781**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 71.644, 134.847**, and **51, 71.667, 134.813** is the 20% darker color. If you saturate the color by 10%, you get **70, 80.848, 134.299**, and if you desaturate by 10%, it is **72, 61.368, 135.398**.

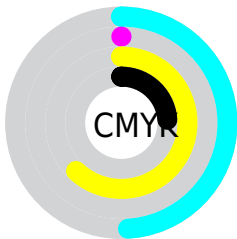
Distribution



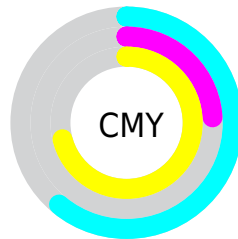
- Red (39%)
- Green (76%)
- Blue (29%)



- Red (29%)
- Yellow (76%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)
- Black (24%)





- Cyan (61%)
- Magenta (24%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 71.741, 134.782 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, 71.741, 134.782 by changing the saturation by 10% instead.


 71, 71.741,
134.782


 71, 71.741,
134.782


 100, 71.741,
134.782


 61, 71.741,
134.782


 91, 71.741,
134.782

 51, 71.741,
134.782

 41, 71.741,
134.782

 31, 71.741,
134.782

 21, 71.741,
134.782

 11, 71.741,
134.782

 1, 71.741, 134.782

0, 71.741, 134.782

71, 71.741,
134.782

71, 71.741,
134.782

70, 80.848,
134.299

72, 61.368,
135.398

70, 88.177,
134.070

73, 50.160,
136.054

69, 93.275,
134.214

74, 38.450,
136.694

69, 95.888,
134.507

75, 26.485,
137.287

77, 14.445,
137.824

78, 2.463, 138.360

■ 80, 9.370, 318.664

■ 82, 20.986,
319.026

■ 84, 32.346,
319.331

Harmonies

Complementary

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



71, 71.741, 134.782



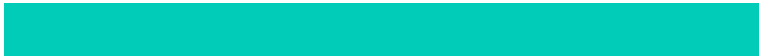
49, 73.364, 320.781

Rectangle

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



71, 71.741, 134.782



71, 71.741, 184.782



71, 71.741, 314.782



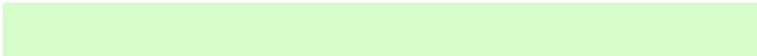
71, 71.741, 4.782

Sweetspot

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



71, 71.742, 134.783



95, 28.108, 137.442



70, 51.243, 91.806



51, 19.512, 137.279



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, 71.742, 134.783



89, 101.210, 134.195



71, 62.470, 147.273



40, 6.740, 137.962



58, 82.932, 134.363



10, 22.930, 139.866

Inverse Universe

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



49, 73.364, 320.781



57, 103.176, 320.900



51, 62.046, 338.547



38, 6.780, 318.755



32, 83.520, 320.267



3, 21.859, 316.818

Previews

White Background



This preview shows how the CIELCh color 71, 71.741, 134.782 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, 71.741, 134.782 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, 71.741, 134.782

Background



This preview shows how black text looks on a background with the CIELCh color 71, 71.741, 134.782.

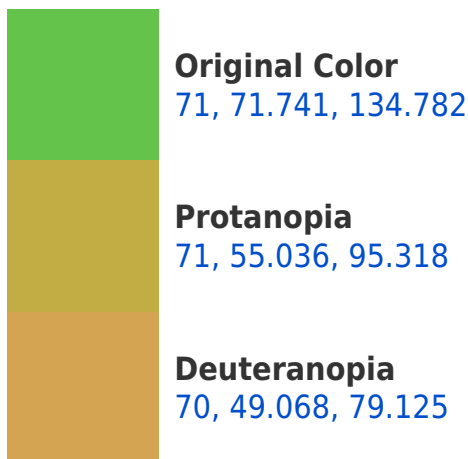


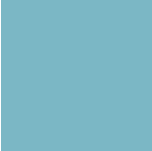
This preview shows how white text looks on a background with the CIELCh color 71, 71.741, 134.782.

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



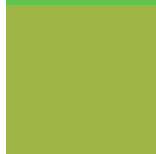


Tritanopia
71, 20.589, 220.000

Trichromacy



Original Color
71, 71.741, 134.782



Protanomaly
70, 57.524, 114.063



Deuteranomaly
69, 49.649, 106.649



Tritanomaly
70, 32.291, 160.647

Monochromacy



Original Color
71, 71.741, 134.782



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 27.736, 136.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 71.741, 134.782 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(100, 195, 74)` looks like.

```
.text, #text, p{  
    color:rgb(100, 195, 74)  
}
```

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(100, 195, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 195, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 71.741, 134.782 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(100, 195, 74) }
```

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

```
.border{ border-color:rgb(100, 195, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 195, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 195, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 195, 74);  
box-shadow:4px 4px 4px 4px rgb(100, 195,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 71.741, 134.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 195, 74) }
```

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

```
.background{ background-color: rgb(100,  
195, 74) }
```

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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