

Converting Colors

CIELCh(71, 63.142, 144.471)

Have a look what the booklet for
CIELCh(71, 63.142, 144.471)
contains.

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Color

CIELCh(71, 63.142, 144.471)

Conversions

Conversions Part 1

Format	Color
Hex	54C468
RGB	84, 196, 104
RGB Percent	33%, 77%, 41%
CMY	0.6720, 0.2327, 0.5934
CMYK	0.57, 0.00, 0.47, 0.23
HSL	131°, 49%, 55%
HSV	131°, 57%, 77%
XYZ	25.7697, 42.1875, 19.7990
YIQ	152.0240, -37.2200, -52.3560

Conversions

Conversions Part 2

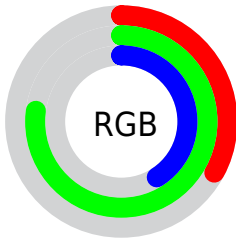
Format	Color
RYB	84, 179, 196
Decimal	5555304
CIELab	71.00, -51.39, 36.69
CIELCh	71, 63.142, 144.471
Yxy	42.1875, 0.2937, 0.4807
Android (android.graphics.Color)	4283745384 (0xFF54C468)
YUV	152.0240, -23.6758, -59.6570
Hunter-Lab	64.9519, -42.8459, 27.3932

Details

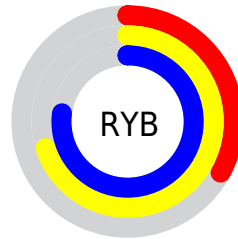
The CIELCh color **71, 63.142, 144.471** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **53, 62.517, 333.523**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 62.759, 144.694**, and **51, 63.158, 144.420** is the 20% darker color. If you saturate the color by 10%, you get **70, 72.396, 143.052**, and if you desaturate by 10%, it is **72, 52.985, 145.741**.

Distribution



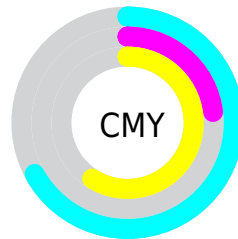
- Red (33%)
- Green (77%)
- Blue (41%)



- Red (33%)
- Yellow (70%)
- Blue (77%)



- Cyan (57%)
- Magenta (0%)
- Yellow (47%)
- Black (23%)





- Cyan (67%)
- Magenta (23%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 63.142, 144.471 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, 63.142, 144.471 by changing the saturation by 10% instead.


 71, 63.142,
144.471


 71, 63.142,
144.471


 100, 63.142,
144.471


 61, 63.142,
144.471


 91, 63.142,
144.471

 51, 63.142,
144.471

 41, 63.142,
144.471

 31, 63.142,
144.471

 21, 63.142,
144.471

 11, 63.142,
144.471

 1, 63.142, 144.471

0, 63.142, 144.471

71, 63.142,
144.471

71, 63.142,
144.471

70, 72.396,
143.052

72, 52.985,
145.741

70, 80.480,
141.516

73, 42.184,
146.854

69, 87.149,
139.932

74, 30.985,
147.819

69, 92.219,
138.423

76, 19.598,
148.654

69, 93.366,
138.078

78, 8.197, 149.388

80, 3.088, 329.870

82, 14.159,

330.477

■ 84, 24.951,
330.949

■ 86, 34.450,
329.061

Harmonies

Complementary

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



71, 63.142, 144.471



53, 62.517, 333.523

Rectangle

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



71, 63.142, 144.471



71, 63.142, 194.471



71, 63.142, 324.471



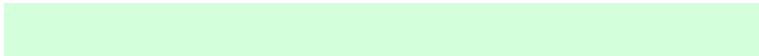
71, 63.142, 14.471

Sweetspot

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



71, 63.143, 144.471



96, 23.941, 148.652



76, 57.493, 112.785



51, 16.022, 148.492



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, 63.143, 144.471



89, 91.324, 142.626



72, 41.914, 167.235



40, 6.365, 149.238



58, 80.228, 138.309



10, 22.242, 147.491

Inverse Universe

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



53, 62.517, 333.523



64, 88.611, 334.442



51, 48.445, 1.751



38, 6.383, 330.347



36, 71.262, 336.797



4, 20.439, 333.490

Previews

White Background



This preview shows how the CIELCh color 71, 63.142, 144.471 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, 63.142, 144.471 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, 63.142, 144.471

Background



This preview shows how black text looks on a background with the CIELCh color 71, 63.142, 144.471.

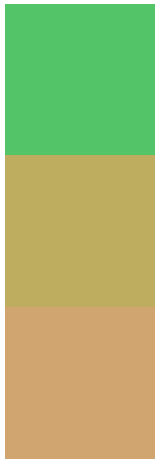


This preview shows how white text looks on a background with the CIELCh color 71, 63.142, 144.471.

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
71, 63.142, 144.471

Protanopia
71, 42.212, 95.849

Deuteranopia
71, 35.108, 75.150



Tritanopia
71, 24.858, 217.129

Trichromacy



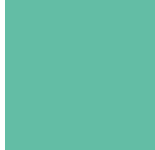
Original Color
71, 63.142, 144.471



Protanomaly
70, 45.612, 121.715



Deuteranomaly
69, 36.765, 115.013



Tritanomaly
71, 33.024, 173.345

Monochromacy



Original Color
71, 63.142, 144.471



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 24.659, 147.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 63.142, 144.471 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(84, 196, 104)` looks like.

```
.text, #text, p{  
    color:rgb(84, 196, 104)  
}
```

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(84, 196, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 196, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 63.142, 144.471 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(84, 196, 104) }
```

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

```
.border{ border-color:rgb(84, 196, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 196, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 196, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 196, 104);  
box-shadow:4px 4px 4px 4px rgb(84, 196,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 63.142, 144.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 196, 104) }
```

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

```
.background{ background-color: rgb(84, 196,  
104) }
```

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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