

Converting Colors

CIELCh(71, 54.398, 141.094)

Have a look what the booklet for
CIELCh(71, 54.398, 141.094)
contains.

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Color

CIELCh(71, 54.277, 141.105)

Conversions

Conversions Part 1

Format	Color
Hex	6DC06D
RGB	109, 192, 109
RGB Percent	43%, 75%, 43%
CMY	0.5716, 0.2460, 0.5716
CMYK	0.43, 0.00, 0.43, 0.25
HSL	120°, 40%, 59%
HSV	120°, 43%, 75%
XYZ	28.0161, 42.1875, 21.2003
YIQ	157.7210, -22.8250, -43.4090

Conversions

Conversions Part 2

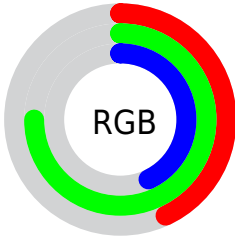
Format	Color
RYB	109, 192, 192
Decimal	7192685
CIELab	71.00, -42.24, 34.08
CIELCh	71, 54.277, 141.105
Yxy	42.1875, 0.3065, 0.4616
Android (android.graphics.Color)	4285382765 (0xFF6DC06D)
YUV	157.7210, -24.0195, -42.7283
Hunter-Lab	64.9519, -36.6724, 26.1141

Details

The CIELCh color **71, 54.277, 141.105** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **58, 54.126, 326.708**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 54.193, 141.344**, and **51, 54.681, 141.020** is the 20% darker color. If you saturate the color by 10%, you get **70, 65.738, 140.032**, and if you desaturate by 10%, it is **72, 42.075, 142.074**.

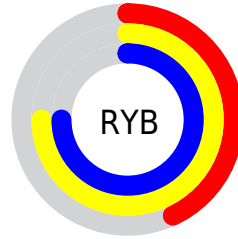
Distribution



Red (43%)

Green (75%)

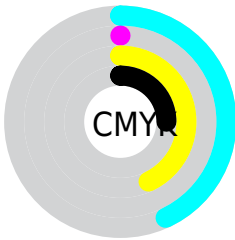
Blue (43%)



Red (43%)

Yellow (75%)

Blue (75%)

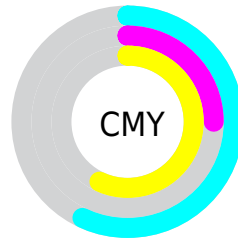


Cyan (43%)

Magenta (0%)

Yellow (43%)

Black (25%)



Cyan (57%)


Magenta (25%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 54.277, 141.105 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, 54.277, 141.105 by changing the saturation by 10% instead.


 71, 54.277,
141.105


 71, 54.277,
141.105


 100, 54.277,
141.105


 61, 54.277,
141.105


 91, 54.277,
141.105

 51, 54.277,
141.105

 41, 54.277,
141.105

 31, 54.277,
141.105

 21, 54.277,
141.105

 11, 54.277,
141.105

 1, 54.277, 141.105

■ 0, 54.277, 141.105

■ 71, 54.277,
141.105

■ 71, 54.277,
141.105

■ 70, 65.738,
140.032

■ 72, 42.075,
142.074

■ 69, 76.042,
138.903

■ 74, 29.464,
142.923

■ 69, 84.709,
137.809

■ 75, 16.706,
143.657

■ 68, 91.232,
136.886

■ 77, 4.001, 144.323

■ 68, 95.236,
136.273

■ 79, 8.512, 324.754

■ 68, 96.853,
136.015

■ 81, 20.735,
325.214

■ 84, 32.610,

325.592

■ 85, 39.346,
325.790

Harmonies

Complementary

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



71, 54.277, 141.105



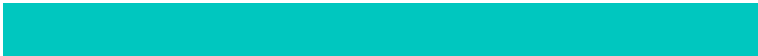
58, 54.126, 326.708

Rectangle

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



71, 54.277, 141.105



71, 54.277, 191.105



71, 54.277, 321.105



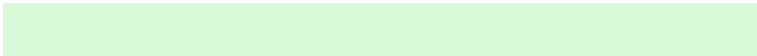
71, 54.277, 11.105

Sweetspot

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



71, 54.278, 141.105



95, 20.384, 143.655



76, 42.745, 105.330



50, 14.276, 143.501



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 54.278, 141.105



89, 79.588, 140.072



72, 37.739, 158.480



40, 7.214, 143.910



57, 84.786, 136.015



10, 24.259, 144.092

Inverse Universe

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



58, 54.126, 326.708



70, 79.070, 327.141



57, 39.480, 347.029



38, 7.225, 324.925



38, 81.807, 328.225



4, 24.211, 326.351

Previews

White Background



This preview shows how the CIELCh color 71, 54.277, 141.105 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, 54.277, 141.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

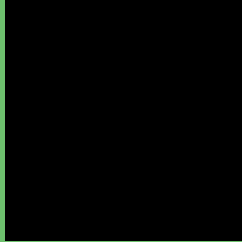
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 54.277, 141.105

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.277, 141.105.



This preview shows how white text looks on a background with the CIELCh color 71, 54.277, 141.105.

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](#).

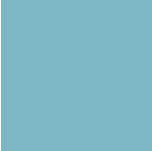
Dichromacy



Original Color
71, 54.277, 141.105

Protanopia
71, 38.634, 96.012

Deuteranopia
70, 32.532, 73.756



Tritanopia
71, 19.448, 223.259

Trichromacy



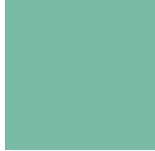
Original Color
71, 54.277, 141.105



Protanomaly
70, 40.699, 118.043



Deuteranomaly
70, 32.785, 109.786



Tritanomaly
71, 25.783, 170.882

Monochromacy



Original Color
71, 54.277, 141.105



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 20.269, 143.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.277, 141.105 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(109, 192, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 192, 109)  
}
```

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(109, 192, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 192, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.277, 141.105 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(109, 192, 109) }
```

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

```
.border{ border-color:rgb(109, 192, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 192, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 192, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 192, 109); box-shadow:4px 4px 4px 4px rgb(109, 192, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.277, 141.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 192, 109) }
```

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

```
.background{ background-color: rgb(109,  
192, 109) }
```

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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