

Converting Colors

CIELCh(74, 53.403, 152.260)

Have a look what the booklet for
CIELCh(74, 53.403, 152.260)
contains.

CIELCh(74, 53.471, 152.056)	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(74, 53.471, 152.056)

Conversions

Conversions Part 1

Format	Color
Hex	5CCB86
RGB	92, 203, 134
RGB Percent	36%, 80%, 53%
CMY	0.6392, 0.2039, 0.4745
CMYK	0.55, 0.00, 0.34, 0.20
HSL	143°, 52%, 58%
HSV	143°, 55%, 80%
XYZ	30.0693, 46.7039, 29.9817
YIQ	161.9450, -44.0070, -44.9910

Conversions

Conversions Part 2

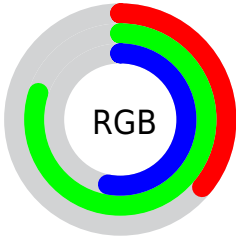
Format	Color
RYB	92, 173, 203
Decimal	6081414
CIELab	74.00, -47.24, 25.06
CIELCh	74, 53.471, 152.056
Yxy	46.7039, 0.2817, 0.4375
Android (android.graphics.Color)	4284271494 (0xFF5CCB86)
YUV	161.9450, -13.7769, -61.3418
Hunter-Lab	68.3403, -41.0566, 21.8269

Details

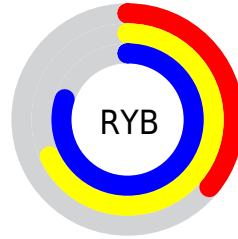
The CIELCh color **74, 53.471, 152.056** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **55, 54.484, 342.614**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 50.060, 153.071**, and **54, 53.370, 152.139** is the 20% darker color. If you saturate the color by 10%, you get **73, 61.867, 150.518**, and if you desaturate by 10%, it is **75, 44.392, 153.404**.

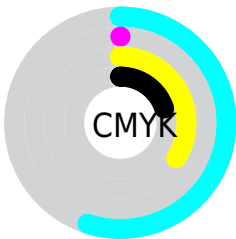
Distribution



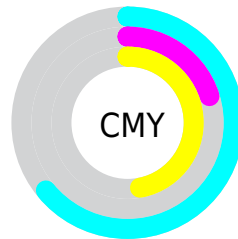
- Red (36%)
- Green (80%)
- Blue (53%)



- Red (36%)
- Yellow (68%)
- Blue (80%)



- Cyan (55%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)





- Cyan (64%)
- Magenta (20%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 53.471, 152.056 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 74, 53.471, 152.056 by changing the saturation by 10% instead.


 74, 53.471,
152.056


 74, 53.471,
152.056


 100, 53.471,
152.056


 64, 53.471,
152.056


 94, 53.471,
152.056

 54, 53.471,
152.056

 44, 53.471,
152.056

 34, 53.471,
152.056

 24, 53.471,
152.056

 14, 53.471,
152.056

 4, 53.471, 152.056

■ 0, 53.471, 152.056

■ 74, 53.471,
152.056

■ 74, 53.471,
152.056

■ 73, 61.867,
150.518

■ 75, 44.392,
153.404

■ 73, 69.422,
148.779

■ 76, 34.805,
154.582

■ 72, 76.030,
146.848

■ 78, 24.890,
155.614

■ 72, 81.656,
144.761

■ 79, 14.810,
156.526

■ 72, 84.335,
143.668

■ 81, 4.702, 157.375

■ 83, 5.322, 337.935

■ 85, 15.180,

338.614

■ 87, 24.815,
339.195

■ 87, 29.574,
329.846

Harmonies

Complementary

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



74, 53.471, 152.056



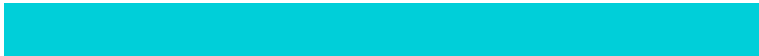
55, 54.484, 342.614

Rectangle

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



74, 53.471, 152.056



74, 53.471, 202.056



74, 53.471, 332.056



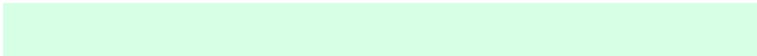
74, 53.471, 22.056

Sweetspot

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



74, 53.472, 152.056



97, 19.425, 156.393



77, 58.964, 121.546



51, 13.117, 156.208



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 53.472, 152.056



90, 75.530, 150.153



75, 35.323, 183.632



42, 5.735, 156.973



59, 71.998, 144.006



12, 23.437, 150.727

Inverse Universe

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



55, 54.484, 342.614



63, 75.827, 344.257



53, 47.352, 16.370



40, 5.778, 338.293



36, 64.042, 350.808



4, 21.431, 345.736

Previews

White Background



This preview shows how the CIELCh color 74, 53.471, 152.056 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 74, 53.471, 152.056 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 74, 53.471, 152.056

Background



This preview shows how black text looks on a background with the CIELCh color 74, 53.471, 152.056.

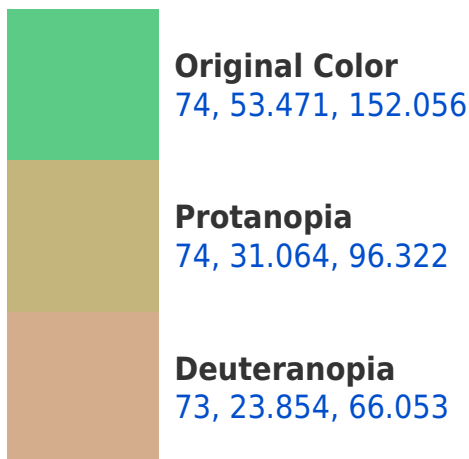


This preview shows how white text looks on a background with the CIELCh color 74, 53.471, 152.056.

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
74, 25.816, 216.193

Trichromacy



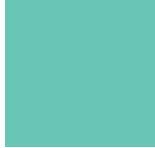
Original Color
74, 53.471, 152.056



Protanomaly
73, 34.819, 127.866



Deuteranomaly
73, 25.520, 122.251



Tritanomaly
74, 31.108, 181.804

Monochromacy



Original Color
74, 53.471, 152.056



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 20.446, 155.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 53.471, 152.056 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(92, 203, 134)` looks like.

```
.text, #text, p{  
    color:rgb(92, 203, 134)  
}
```

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(92, 203, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 203, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 53.471, 152.056 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(92, 203, 134) }
```

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

```
.border{ border-color:rgb(92, 203, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 203, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 203, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 203, 134);  
box-shadow:4px 4px 4px 4px rgb(92, 203,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 53.471, 152.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 203, 134) }
```

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

```
.background{ background-color: rgb(92, 203,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor