

Converting Colors

CIELCh(75, 48.774, 141.715)

Have a look what the booklet for
CIELCh(75, 48.774, 141.715)
contains.

CIELCh(75, 48.880, 141.699)	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(75, 48.880, 141.699)

Conversions

Conversions Part 1

Format	Color
Hex	7FCA7F
RGB	127, 202, 127
RGB Percent	50%, 79%, 50%
CMY	0.5020, 0.2079, 0.5020
CMYK	0.37, 0.00, 0.37, 0.21
HSL	120°, 41%, 65%
HSV	120°, 37%, 79%
XYZ	33.6980, 48.2781, 27.6174
YIQ	171.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

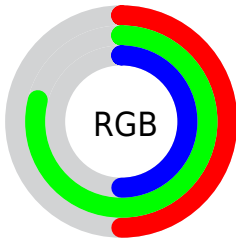
Format	Color
RYB	127, 202, 202
Decimal	8374911
CIELab	75.00, -38.36, 30.30
CIElCh	75, 48.880, 141.699
Yxy	48.2781, 0.3075, 0.4405
Android (android.graphics.Color)	4286564991 (0xFF7FCA7F)
YUV	171.0250, -21.7043, -38.6099
Hunter-Lab	69.4824, -35.0243, 25.0716

Details

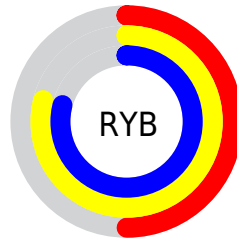
The CIELCh color **75, 48.880, 141.699** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **63, 48.816, 326.427**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 46.574, 141.741**, and **55, 48.635, 141.858** is the 20% darker color. If you saturate the color by 10%, you get **74, 61.315, 140.681**, and if you desaturate by 10%, it is **76, 35.888, 142.601**.

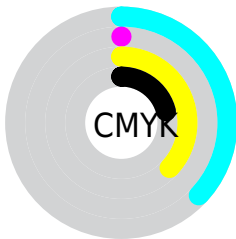
Distribution



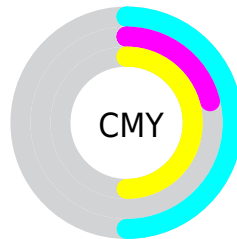
- Red (50%)
- Green (79%)
- Blue (50%)



- Red (50%)
- Yellow (79%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 48.880, 141.699 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 75, 48.880, 141.699 by changing the saturation by 10% instead.

 75, 48.880,
141.699

 75, 48.880,
141.699

 100, 48.880,
141.699

 65, 48.880,
141.699


 95, 48.880,
141.699

 55, 48.880,
141.699

 45, 48.880,
141.699

 35, 48.880,
141.699

 25, 48.880,
141.699

 15, 48.880,
141.699

 5, 48.880, 141.699

■ 0, 48.880, 141.699

■ 75, 48.880,
141.699

■ 75, 48.880,
141.699

■ 74, 61.315,
140.681

■ 76, 35.888,
142.601

■ 73, 72.804,
139.572

■ 78, 22.641,
143.382

■ 72, 82.887,
138.439

■ 80, 9.372, 144.060

■ 72, 91.036,
137.394

■ 82, 3.748, 324.525

■ 71, 96.750,
136.584

■ 84, 16.600,
325.053

■ 71, 99.835,
136.118

■ 87, 29.109,
325.460

■ 87, 33.245,

■ 71,100.492,
136.016

325.581

Harmonies

Complementary

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



75, 48.880, 141.699



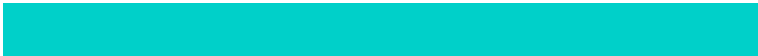
63, 48.816, 326.427

Rectangle

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



75, 48.880, 141.699



75, 48.880, 191.699



75, 48.880, 321.699



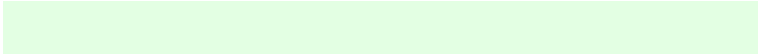
75, 48.880, 11.699

Sweetspot

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



75, 48.881, 141.699



97, 17.514, 143.797



80, 39.094, 106.616



52, 11.777, 143.705



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 48.881, 141.699



91, 70.894, 140.842



76, 33.584, 160.060



42, 7.527, 143.913



59, 86.761, 136.016



12, 28.688, 142.914

Inverse Universe

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



63, 48.816, 326.427



74, 70.636, 326.836



62, 35.111, 347.261



40, 7.538, 324.935



39, 83.708, 328.234



5, 29.041, 327.498

Previews

White Background



This preview shows how the CIELCh color 75, 48.880, 141.699 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 75, 48.880, 141.699 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 75, 48.880, 141.699

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.880, 141.699.

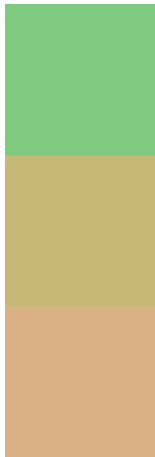


This preview shows how white text looks on a background with the CIELCh color 75, 48.880, 141.699.

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
75, 48.880, 141.699

Protanopia
75, 34.731, 95.695

Deuteranopia
75, 29.372, 71.147



Tritanopia
75, 18.267, 226.766

Trichromacy



Original Color
75, 48.880, 141.699



Protanomaly
75, 36.688, 118.302



Deuteranomaly
74, 28.805, 107.383



Tritanomaly
75, 22.797, 173.844

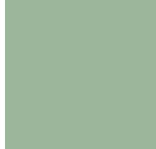
Monochromacy



Original Color
75, 48.880, 141.699



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 17.995, 143.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.880, 141.699 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(127, 202, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 202, 127)  
}
```

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(127, 202, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 202, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.880, 141.699 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(127, 202, 127) }
```

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

```
.border{ border-color:rgb(127, 202, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 202, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 202, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 202, 127); box-shadow:4px 4px 4px 4px rgb(127, 202, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.880, 141.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 202, 127) }
```

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

```
.background{ background-color: rgb(127,  
202, 127) }
```

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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