

Converting Colors

CIELCh(74, 52.096, 144.685)

Have a look what the booklet for
CIELCh(74, 52.096, 144.685)
contains.

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Color

CIELCh(74, 51.953, 144.808)

Conversions

Conversions Part 1

Format	Color
Hex	71C97D
RGB	113, 201, 125
RGB Percent	44%, 79%, 49%
CMY	0.5573, 0.2122, 0.5102
CMYK	0.44, 0.00, 0.38, 0.21
HSL	128°, 45%, 62%
HSV	128°, 44%, 79%
XYZ	31.3526, 46.7039, 26.7304
YIQ	166.0240, -28.0520, -42.2920

Conversions

Conversions Part 2

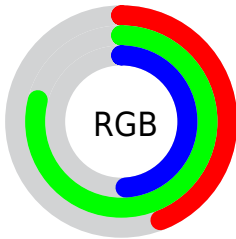
Format	Color
RYB	113, 190, 201
Decimal	7457149
CIELab	74.00, -42.46, 29.94
CIELCh	74, 51.953, 144.808
Yxy	46.7039, 0.2992, 0.4457
Android (android.graphics.Color)	4285647229 (0xFF71C97D)
YUV	166.0240, -20.2248, -46.5020
Hunter-Lab	68.3403, -37.7047, 24.6477

Details

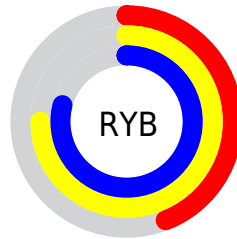
The CIELCh color **74, 51.953, 144.808** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 51.866, 331.057**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 50.035, 144.858**, and **54, 51.812, 144.881** is the 20% darker color. If you saturate the color by 10%, you get **73, 62.888, 143.618**, and if you desaturate by 10%, it is **75, 40.411, 145.851**.

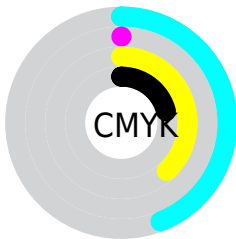
Distribution



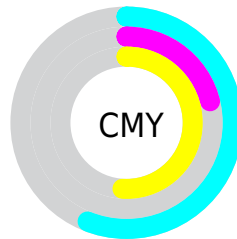
- Red (44%)
- Green (79%)
- Blue (49%)



- Red (44%)
- Yellow (75%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 51.953, 144.808 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, 51.953, 144.808 by changing the saturation by 10% instead.


 74, 51.953,
144.808

 74, 51.953,
144.808


 100, 51.953,
144.808


 64, 51.953,
144.808


 94, 51.953,
144.808

 54, 51.953,
144.808

 44, 51.953,
144.808

 34, 51.953,
144.808

 24, 51.953,
144.808

 14, 51.953,
144.808

 4, 51.953, 144.808

0, 51.953, 144.808

74, 51.953,
144.808

74, 51.953,
144.808

73, 62.888,
143.618

75, 40.411,
145.851

72, 72.918,
142.289

77, 28.519,
146.754

72, 81.730,
140.858

78, 16.495,
147.535

71, 89.009,
139.399

80, 4.512, 148.244

71, 94.476,
138.025

82, 7.303, 328.707

71, 96.945,
137.331

84, 18.860,
329.221

87, 30.100,

329.649

■ 87, 33.934,
325.605

Harmonies

Complementary

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



74, 51.953, 144.808



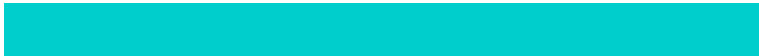
60, 51.866, 331.057

Rectangle

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



74, 51.953, 144.808



74, 51.953, 194.808



74, 51.953, 324.808



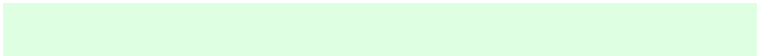
74, 51.953, 14.808

Sweetspot

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



74, 51.954, 144.808



97, 18.846, 147.580



78, 45.840, 112.092



51, 13.201, 147.416



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, 51.954, 144.808



90, 75.187, 143.625



75, 34.963, 166.897



41, 6.704, 147.849



58, 82.689, 137.530



11, 24.891, 146.029

Inverse Universe

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



60, 51.866, 331.057



70, 74.575, 331.669



58, 38.604, 356.730



39, 6.720, 328.931



37, 74.448, 334.463



4, 23.752, 332.079

Previews

White Background



This preview shows how the CIELCh color 74, 51.953, 144.808 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 CIE LCh color 74, 51.953, 144.808 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, 51.953, 144.808

Background



This preview shows how black text looks on a background with the CIELCh color 74, 51.953, 144.808.

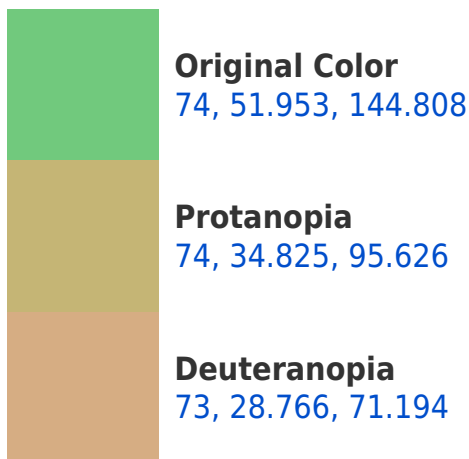


This preview shows how white text looks on a background with the CIELCh color 74, 51.953, 144.808.

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, 20.946, 221.069

Trichromacy



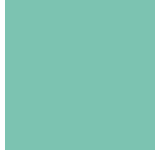
Original Color
74, 51.953, 144.808



Protanomaly
73, 37.166, 120.676



Deuteranomaly
73, 28.977, 112.205



Tritanomaly
74, 26.444, 175.661

Monochromacy



Original Color
74, 51.953, 144.808



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 19.637, 146.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 51.953, 144.808 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(113, 201, 125)` looks like.

```
.text, #text, p{  
    color:rgb(113, 201, 125)  
}
```

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(113, 201, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 201, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 51.953, 144.808 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(113, 201, 125) }
```

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

```
.border{ border-color:rgb(113, 201, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 201, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 201, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 201, 125); box-shadow:4px 4px 4px 4px rgb(113, 201, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 51.953, 144.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 201, 125) }
```

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

```
.background{ background-color: rgb(113,  
201, 125) }
```

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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