

Converting Colors

CIELCh(74, 49.452, 150.316)

Have a look what the booklet for
CIELCh(74, 49.452, 150.316)
contains.

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Color

CIELCh(74, 49.421, 150.344)

Conversions

Conversions Part 1

Format	Color
Hex	69C987
RGB	105, 201, 135
RGB Percent	41%, 79%, 53%
CMY	0.5870, 0.2105, 0.4694
CMYK	0.48, 0.00, 0.33, 0.21
HSL	139°, 47%, 60%
HSV	139°, 48%, 79%
XYZ	31.2193, 46.7039, 30.4011
YIQ	164.7720, -36.0300, -40.8780

Conversions

Conversions Part 2

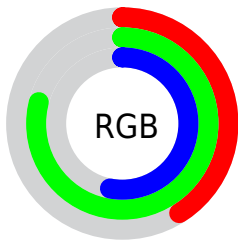
Format	Color
RYB	105, 178, 201
Decimal	6932871
CIELab	74.00, -42.95, 24.45
CIELCh	74, 49.421, 150.344
Yxy	46.7039, 0.2882, 0.4311
Android (android.graphics.Color)	4285122951 (0xFF69C987)
YUV	164.7720, -14.6776, -52.4200
Hunter-Lab	68.3403, -38.0528, 21.4631

Details

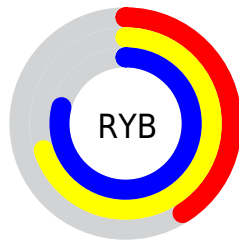
The CIELCh color **74, 49.421, 150.344** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **58, 49.954, 338.530**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 47.318, 151.015**, and **54, 49.164, 150.505** is the 20% darker color. If you saturate the color by 10%, you get **73, 58.789, 148.976**, and if you desaturate by 10%, it is **75, 39.478, 151.537**.

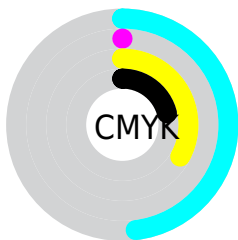
Distribution



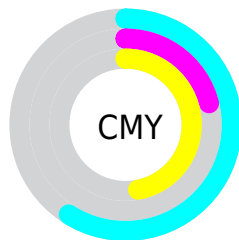
- Red (41%)
- Green (79%)
- Blue (53%)



- Red (41%)
- Yellow (70%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (33%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 49.421, 150.344 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, 49.421, 150.344 by changing the saturation by 10% instead.


 74, 49.421,
150.344

 74, 49.421,
150.344

 100, 49.421,
150.344


 64, 49.421,
150.344

 94, 49.421,
150.344

 54, 49.421,
150.344

 44, 49.421,
150.344

 34, 49.421,
150.344

 24, 49.421,
150.344

 14, 49.421,
150.344

 4, 49.421, 150.344

0, 49.421, 150.344

74, 49.421,
150.344

74, 49.421,
150.344

73, 58.789,
148.976

75, 39.478,
151.537

72, 67.383,
147.422

76, 29.155,
152.574

72, 75.031,
145.683

78, 18.633,
153.481

71, 81.610,
143.789

80, 8.066, 154.290

71, 87.082,
141.822

82, 2.423, 334.795

84, 12.742,
335.520

71, 88.236,
141.399

86, 22.827,

336.074

■ 87, 30.035,
330.679

■ 87, 33.663,
325.595

Harmonies

Complementary

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



74, 49.421, 150.344



58, 49.954, 338.530

Rectangle

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



74, 49.421, 150.344



74, 49.421, 200.344



74, 49.421, 330.344



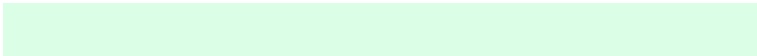
74, 49.421, 20.344

Sweetspot

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



74, 49.422, 150.344



97, 17.854, 153.772



77, 50.928, 119.107



51, 12.333, 153.591



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, 49.422, 150.344



90, 70.359, 148.961



75, 33.050, 178.560



41, 5.899, 154.157



59, 74.934, 141.728



11, 22.756, 149.720

Inverse Universe

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



58, 49.954, 338.530



67, 70.576, 339.541



56, 40.598, 9.672



39, 5.931, 335.396



36, 65.716, 345.582



4, 20.353, 341.332

Previews

White Background



This preview shows how the CIELCh color 74, 49.421, 150.344 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, 49.421, 150.344 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, 49.421, 150.344

Background



This preview shows how black text looks on a background with the CIELCh color 74, 49.421, 150.344.

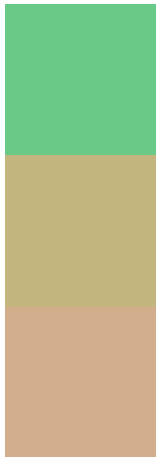


This preview shows how white text looks on a background with the CIELCh color 74, 49.421, 150.344.

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

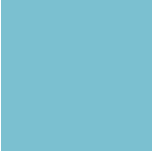
74, 49.421, 150.344

Protanopia

74, 30.032, 96.081

Deuteranopia

74, 23.673, 68.301



Tritanopia
74, 23.068, 220.176

Trichromacy



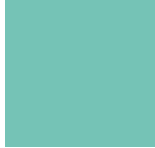
Original Color
74, 49.421, 150.344



Protanomaly
73, 33.166, 125.456



Deuteranomaly
73, 24.543, 118.162



Tritanomaly
74, 27.136, 182.190

Monochromacy



Original Color
74, 49.421, 150.344



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 18.716, 153.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 49.421, 150.344 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(105, 201, 135)` looks like.

```
.text, #text, p{  
    color:rgb(105, 201, 135)  
}
```

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(105, 201, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 201, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 49.421, 150.344 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(105, 201, 135) }
```

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

```
.border{ border-color:rgb(105, 201, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 201, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 201, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 201, 135);  
box-shadow:4px 4px 4px 4px rgb(105, 201,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 49.421, 150.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 201, 135) }
```

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

```
.background{ background-color: rgb(105,  
201, 135) }
```

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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