

Converting Colors

CIELCh(74, 13.399, 291.462)

Have a look what the booklet for
CIELCh(74, 13.399, 291.462)
contains.

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Color

CIELCh(74, 13.550, 291.464)

Conversions

Conversions Part 1

Format	Color
Hex	B4B4CD
RGB	180, 180, 205
RGB Percent	71%, 71%, 80%
CMY	0.2945, 0.2944, 0.1964
CMYK	0.12, 0.12, 0.00, 0.20
HSL	240°, 20%, 75%
HSV	240°, 12%, 80%
XYZ	46.1146, 46.7039, 64.2853
YIQ	182.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

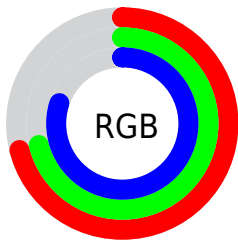
Format	Color
R_{YB}	180, 180, 205
Decimal	11842765
CIE _{Lab}	74.00, 4.96, -12.61
CIE _{LCh}	74, 13.550, 291.464
Yxy	46.7039, 0.2935, 0.2973
Android (android.graphics.Color)	4290032845 (0xFFB4B4CD)
YUV	182.8500, 10.9200, -2.4994
Hunter-Lab	68.3403, 0.8527, -7.9338

Details

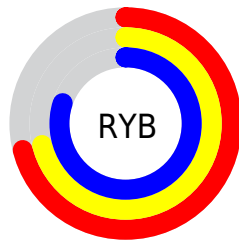
The CIELCh color `74, 13.550, 291.464` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 13.176, 108.999`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.795, 290.948`, and `54, 13.859, 291.862` is the 20% darker color. If you saturate the color by 10%, you get `67, 25.162, 292.720`, and if you desaturate by 10%, it is `81, 2.402, 290.413`.

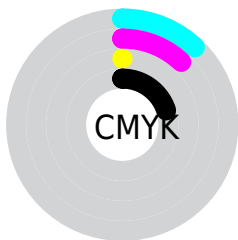
Distribution



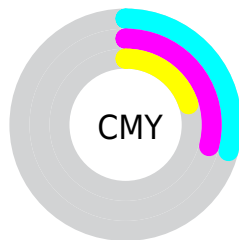
- Red (71%)
- Green (71%)
- Blue (80%)



- Red (71%)
- Yellow (71%)
- Blue (80%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)





- Cyan (29%)
- Magenta (29%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 13.550, 291.464 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, 13.550, 291.464 by changing the saturation by 10% instead.

 74, 13.550,
291.464

 74, 13.550,
291.464

 100, 13.550,
291.464


 64, 13.550,
291.464


 94, 13.550,
291.464

 54, 13.550,
291.464

 44, 13.550,
291.464

 34, 13.550,
291.464

 24, 13.550,
291.464

 14, 13.550,
291.464

 4, 13.550, 291.464

■ 0, 13.550, 291.464

■ 74, 13.550,
291.464

■ 74, 13.550,
291.464

■ 67, 25.162,
292.720

■ 81, 2.402, 290.413

■ 60, 37.279,
294.204

■ 88, 8.313, 109.471

■ 53, 49.916,
295.934

■ 94, 18.630,
108.703

■ 47, 63.039,
297.908

■ 99, 25.279,
108.260

■ 40, 76.450,
300.072

■ 34, 89.589,
302.276

■ 30, 101.249,
304.249

■ 26, 109.591,
305.645

■ 25, 113.478,
306.286

Harmonies

Complementary

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



74, 13.550, 291.464



82, 13.176, 108.999

Rectangle

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



74, 13.550, 291.464



74, 13.550, 341.464



74, 13.550, 111.464



74, 13.550, 161.464

Sweetspot

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



74, 13.548, 291.460



97, 5.227, 290.586



81, 8.841, 197.368



51, 3.719, 290.661



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, 13.548, 291.460



88, 20.014, 291.815



75, 14.254, 309.037



39, 6.243, 291.144



19, 96.924, 306.286



1, 23.532, 292.443

Inverse Universe

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



75, 9.536, 20.140



90, 14.168, 20.388



81, 14.007, 127.943



40, 4.369, 19.916



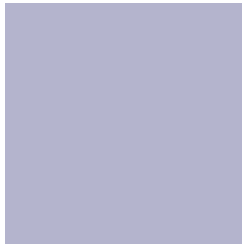
34, 75.549, 39.819



4, 17.910, 19.400

Previews

White Background



This preview shows how the CIELCh color 74, 13.550, 291.464 looks on a white background.

Color Contrast Check

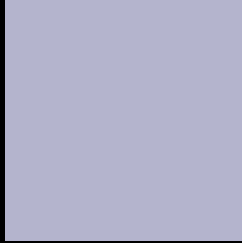
Large Text (above 18pt) WCAG AA × Fail

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, 13.550, 291.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

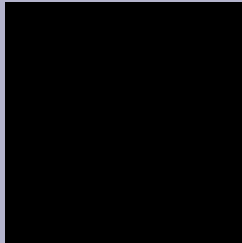
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 13.550, 291.464

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.550, 291.464.



This preview shows how white text looks on a background with the CIELCh color 74, 13.550, 291.464.

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, 13.550, 291.464

Protanopia

74, 13.557, 288.504

Deuteranopia

74, 15.747, 305.950



Tritanopia
74, 8.180, 283.412

Trichromacy



Original Color
74, 13.550, 291.464

Protanomaly
74, 13.549, 289.982

Deuteranomaly
74, 14.898, 301.121

Tritanomaly
74, 9.765, 286.927

Monochromacy



Original Color
74, 13.550, 291.464

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.875, 290.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.550, 291.464 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(180, 180, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 180, 205)  
}
```

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(180, 180, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 180, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.550, 291.464 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(180, 180, 205) }
```

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

```
.border{ border-color:rgb(180, 180, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 180, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 180, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 180, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 180,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.550, 291.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 180, 205) }
```

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

```
.background{ background-color: rgb(180,  
180, 205) }
```

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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