

Converting Colors

CIELCh(74, 13.001, 288.312)

Have a look what the booklet for
CIELCh(74, 13.001, 288.312)
contains.

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Color

CIELCh(74, 13.016, 288.323)

Conversions

Conversions Part 1

Format	Color
Hex	B2B4CC
RGB	178, 180, 204
RGB Percent	70%, 71%, 80%
CMY	0.3003, 0.2925, 0.1983
CMYK	0.13, 0.12, 0.00, 0.20
HSL	235°, 20%, 75%
HSV	235°, 13%, 80%
XYZ	45.8103, 46.7039, 63.9935
YIQ	182.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

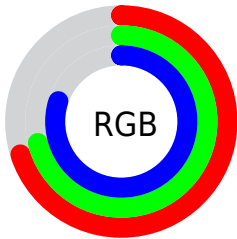
Format	Color
R _Y B	178, 180, 204
Decimal	11711692
CIE Lab	74.00, 4.09, -12.36
CIE LCh	74, 13.016, 288.323
Yxy	46.7039, 0.2927, 0.2984
Android (android.graphics.Color)	4289901772 (0xFFB2B4CC)
YUV	182.1380, 10.7780, -3.6290
Hunter-Lab	68.3403, 0.0577, -7.6807

Details

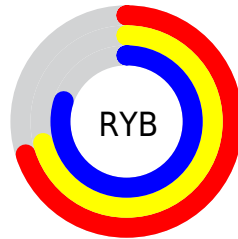
The CIELCh color `74, 13.016, 288.323` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 12.702, 105.588`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.808, 286.955`, and `54, 13.290, 288.632` is the 20% darker color. If you saturate the color by 10%, you get `68, 23.680, 289.652`, and if you desaturate by 10%, it is `80, 2.742, 287.209`.

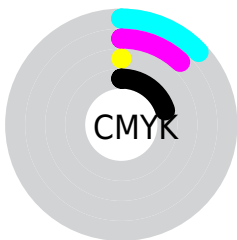
Distribution



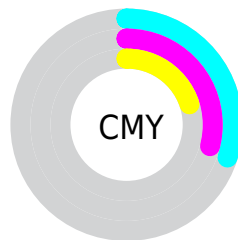
- Red (70%)
- Green (71%)
- Blue (80%)



- Red (70%)
- Yellow (71%)
- Blue (80%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)





- Cyan (30%)
- Magenta (29%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 13.016, 288.323 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, 13.016, 288.323 by changing the saturation by 10% instead.


 74, 13.016,
288.323


 74, 13.016,
288.323


 100, 13.016,
288.323


 64, 13.016,
288.323


 94, 13.016,
288.323


 54, 13.016,
288.323

 44, 13.016,
288.323

 34, 13.016,
288.323

 24, 13.016,
288.323

 14, 13.016,
288.323

 4, 13.016, 288.323

0, 13.016, 288.323

74, 13.016,
288.323

74, 13.016,
288.323

68, 23.680,
289.652

80, 2.742, 287.209

87, 7.167, 106.190

61, 34.773,
291.218

93, 16.739,
105.366

55, 46.321,
293.046

99, 25.523,
108.241

48, 58.329,
295.147

42, 70.713,
297.491

36, 83.174,
299.973

■ 32, 94.973,
302.381

■ 28, 104.778,
304.406

■ 26, 109.799,
305.424

Harmonies

Complementary

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



74, 13.016, 288.323



81, 12.702, 105.588

Rectangle

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



74, 13.016, 288.323



74, 13.016, 338.323



74, 13.016, 108.323



74, 13.016, 158.323

Sweetspot

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



74, 13.014, 288.319



97, 4.827, 287.339



80, 9.313, 191.628



51, 3.434, 287.417



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, 13.014, 288.319



88, 18.442, 288.628



74, 14.670, 306.738



40, 5.759, 287.923



20, 93.267, 305.220



2, 22.267, 290.523

Inverse Universe

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



75, 9.964, 14.024



90, 14.176, 14.270



81, 14.371, 125.498



40, 4.385, 13.705



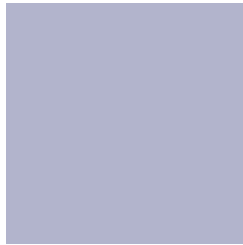
34, 72.488, 36.609



4, 17.966, 15.617

Previews

White Background



This preview shows how the CIELCh color 74, 13.016, 288.323 looks on a white background.

Color Contrast Check

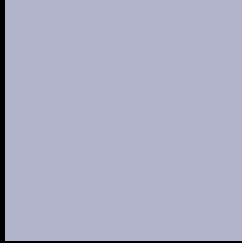
Large Text (above 18pt) WCAG AA × Fail

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, 13.016, 288.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

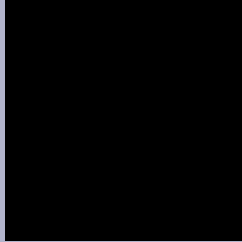
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

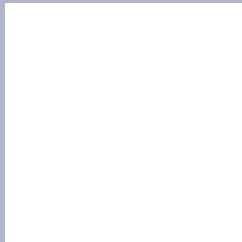
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 13.016, 288.323

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.016, 288.323.



This preview shows how white text looks on a background with the CIELCh color 74, 13.016, 288.323.

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

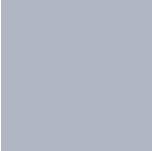
74, 13.016, 288.323

Protanopia

74, 13.016, 288.323

Deuteranopia

74, 15.841, 307.207



Tritanopia
74, 7.756, 277.571

Trichromacy



Original Color
74, 13.016, 288.323

Protanomaly
74, 13.016, 288.323

Deuteranomaly
74, 14.898, 301.121

Tritanomaly
74, 9.791, 284.855

Monochromacy



Original Color
74, 13.016, 288.323

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.883, 286.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.016, 288.323 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(178, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 204)  
}
```

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(178, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.016, 288.323 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(178, 180, 204) }
```

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

```
.border{ border-color:rgb(178, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(178, 180,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.016, 288.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 204) }
```

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

```
.background{ background-color: rgb(178,  
180, 204) }
```

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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