

Converting Colors

CIELCh(74, 12.051, 271.419)

Have a look what the booklet for
CIELCh(74, 12.051, 271.419)
contains.

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Color

CIELCh(74, 12.010, 270.898)

Conversions

Conversions Part 1

Format	Color
Hex	ABB7CC
RGB	171, 183, 204
RGB Percent	67%, 72%, 80%
CMY	0.3306, 0.2836, 0.2013
CMYK	0.16, 0.10, 0.00, 0.20
HSL	218°, 24%, 73%
HSV	218°, 16%, 80%
XYZ	44.4553, 46.7039, 63.5961
YIQ	181.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

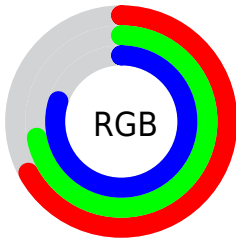
Format	Color
R_{YB}	171, 180, 204
Decimal	11253708
CIE _{Lab}	74.00, 0.19, -12.01
CIE _{LCh}	74, 12.010, 270.898
Yxy	46.7039, 0.2873, 0.3018
Android (android.graphics.Color)	4289443788 (0xFFABB7CC)
YUV	181.8060, 10.9416, -9.4769
Hunter-Lab	68.3403, -3.4813, -7.3359

Details

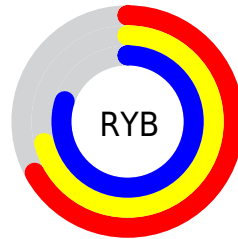
The CIELCh color `74, 12.010, 270.898` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 12.118, 86.545`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.111, 264.281`, and `54, 12.202, 270.691` is the 20% darker color. If you saturate the color by 10%, you get `69, 19.532, 272.587`, and if you desaturate by 10%, it is `79, 4.572, 269.471`.

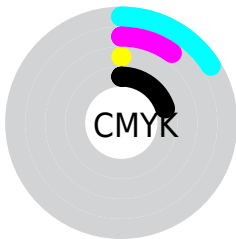
Distribution



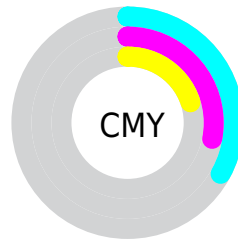
- Red (67%)
- Green (72%)
- Blue (80%)



- Red (67%)
- Yellow (71%)
- Blue (80%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (28%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.010, 270.898 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, 12.010, 270.898 by changing the saturation by 10% instead.

 74, 12.010,
270.898

 74, 12.010,
270.898

 100, 12.010,
270.898

 64, 12.010,
270.898


 94, 12.010,
270.898

 54, 12.010,
270.898

 44, 12.010,
270.898

 34, 12.010,
270.898

 24, 12.010,
270.898

 14, 12.010,
270.898

 4, 12.010, 270.898

0, 12.010, 270.898

74, 12.010,
270.898

74, 12.010,
270.898

69, 19.532,
272.587

79, 4.572, 269.471

64, 27.145,
274.579

84, 2.774, 88.064

59, 34.858,
276.912

89, 10.026, 87.052

55, 42.693,
279.623

97, 22.417,
101.201

50, 50.688,
282.728

99, 25.896,
108.212

46, 58.885,
286.194

■ 42, 67.299,
289.922

■ 38, 75.859,
293.722

■ 36, 79.127,
295.069

Harmonies

Complementary

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



74, 12.010, 270.898



78, 12.118, 86.545

Rectangle

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



74, 12.010, 270.898



74, 12.010, 320.898



74, 12.010, 90.898



74, 12.010, 140.898

Sweetspot

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



74, 12.009, 270.892



97, 4.426, 269.333



79, 13.591, 170.038



51, 3.020, 269.419



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, 12.009, 270.892



89, 16.934, 271.380



71, 18.132, 296.786



40, 4.196, 269.893



29, 66.836, 294.491



4, 17.669, 280.543

Inverse Universe

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



73, 14.069, 353.231



88, 19.897, 353.569



81, 17.493, 114.172



40, 4.878, 352.511



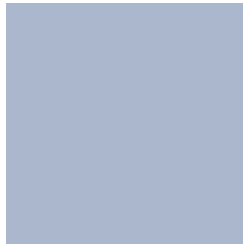
35, 61.867, 14.677



4, 18.865, 1.563

Previews

White Background



This preview shows how the CIELCh color 74, 12.010, 270.898 looks on a white background.

Color Contrast Check

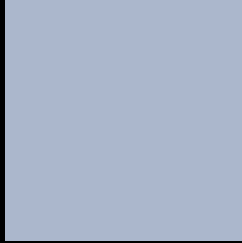
Large Text (above 18pt) WCAG AA × Fail

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, 12.010, 270.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

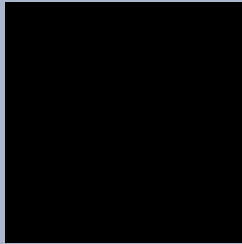
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

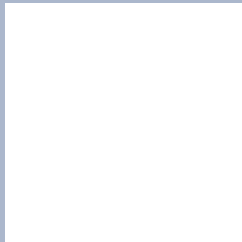
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.010, 270.898

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.010, 270.898.



This preview shows how white text looks on a background with the CIELCh color 74, 12.010, 270.898.

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, 12.010, 270.898

Protanopia

74, 11.926, 289.617

Deuteranopia

74, 15.841, 307.207



Tritanopia
74, 8.941, 257.364

Trichromacy



Original Color
74, 12.010, 270.898

Protanomaly
74, 12.012, 282.905

Deuteranomaly
74, 14.160, 295.794

Tritanomaly
74, 9.847, 261.050

Monochromacy



Original Color
74, 12.010, 270.898

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.178, 264.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.010, 270.898 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(171, 183, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 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(171, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.010, 270.898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

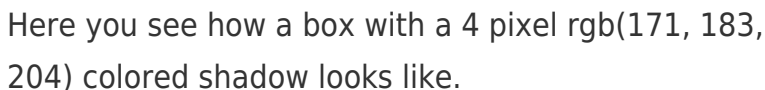
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 183, 204) }
```

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

```
.border{ border-color:rgb(171, 183, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.010, 270.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 204) }
```

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

```
.background{ background-color: rgb(171,  
183, 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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